



# SLIM CHICKENS

14583 POTRANCO ROAD  
SAN ANTONIO (POTRANCO), TX

STORE #: JOURNEY PROTOTYPE LEFT

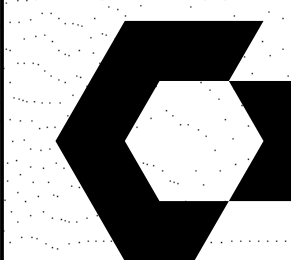
OTP  
10/30/24



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14583 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253

ISSUE BLOCK	

CHECKED BY: LW  
DRAWN BY: RM  
DOCUMENT DATE: 10/30/24  
PROTO: Q1-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24



PROJECT DIRECTORY	
OWNER:	<b>BIG STAR HOSPITALITY</b> PO BOX 40729 AUSTIN, TX 78704 810-834-9326 DAN MCGRATH
ARCHITECTURAL: STRUCTURAL MECHANICAL ELECTRICAL PLUMBING	<b>CYNTERGY</b> 810 SOUTH CINCINNATI, 2ND FLOOR TULSA, OK 74119 918-877-6000 LINDA WAYTULA
CIVIL/LANDSCAPE:	<b>KIMLEY-HORN &amp; ASSOCIATES INC.</b> 4727 GAILLARDIA PARKWAY #250 OKLAHOMA CITY, OK 73142 405-463-4955 RYAN FAIRSHEETS
BUILDING OFFICIAL:	<b>SAN ANTONIO</b> 1901 SOUTH ALAMO STREET SAN ANTONIO, TX 78204 210-207-1111 MICHAEL SHANNON
KITCHEN/MILLWORK:	<b>FRANKE</b> 800 AVIATION PARKWAY SMYRNA, TN 37167 470-476-7916 RICHARD DESMOND

PROJECT DATA SUMMARY	
PROPOSED USE:	RESTAURANT
OCCUPANCY CLASSIFICATION: (CHAPTER 3 IBC)	(A2) ASSEMBLY
TYPE OF CONSTRUCTION: (CHAPTER 6 IBC)	V-B (UNPROTECTED)
MIXED-USE:	NON-SEPARATED MIXED USE
GROSS BUILDING:	2,761 SF + 410 SF PATIO (EXCLUDING PREFABRICATED COOLER)
CODE SQUARE FOOTAGE:	2,511 SF + 410 SF PATIO (EXCLUDING PREFABRICATED COOLER) 6,000 SF
ALLOWABLE AREA PER FLOOR: (CHAPTER 5 IBC)	
STORIES:	1
ALLOWABLE STORIES: (CHAPTER 5 IBC)	1
PROJECT HEIGHT:	22' - 0"
ALLOWABLE HEIGHT: (CHAPTER 5 IBC)	40' - 0"
SEISMIC DESIGN CATEGORY:	A
APPLICABLE CODES:	2021 INTERNATIONAL BUILDING CODE 2021 INTERNATIONAL MECHANICAL CODE 2021 INTERNATIONAL PLUMBING CODE 2020 NATIONAL ELECTRICAL CODE 2021 INTERNATIONAL ENERGY CONSERVATION CODE 2021 INTERNATIONAL FIRE CODE TAS
CODE REVIEW:	APPLICABLE CODES: ALL WORK UNDER THIS CONTRACT SHALL COMPLY WITH THE PROVISIONS OF THE SPECIFICATIONS AND DRAWINGS, AND SHALL SATISFY ALL APPLICABLE CODES, ORDINANCES AND REGULATIONS OF ALL GOVERNING BODIES INVOLVED. ALL PERMITS AND LICENSES NECESSARY FOR THE PROPER EXECUTION OF THE WORK SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR INVOLVED. APPLICABLE CODES INCLUDE, BUT ARE NOT LIMITED TO THE ABOVE MENTIONED.

DEFERRED/ SEPARATE SUBMITTALS	
SIGNAGE DESIGN	SIGNAGE DESIGN AND CONSTRUCTION DOCUMENTS WILL BE SUBMITTED AS A DEFERRED SUBMITTAL BY THE SYSTEM INSTALLER.
HOOD DESIGN (AS REQUIRED)	HOOD CONSTRUCTION DOCUMENTS SHALL BE SUBMITTED AS DEFERRED SUBMITTAL BY THE SYSTEM INSTALLER WHERE REQUIRED.
TRUSS DESIGN (AS REQUIRED)	TRUSS CONSTRUCTION DOCUMENTS SHALL BE SUBMITTED AS A DEFERRED SUBMITTAL BY THE SYSTEM INSTALLER WHERE REQUIRED.
FIRE SPRINKLER / FIRE ALARM (AS REQUIRED)	SPRINKLER AND/OR FIRE ALARM DESIGN AND CONSTRUCTION DOCUMENTS SHALL BE SUBMITTED AS A DEFERRED SUBMITTAL BY THE SYSTEM INSTALLER WHERE REQUIRED.
SPECIAL INSPECTIONS	
GEOTECH/ SOILS CONCRETE WELDING/STEEL	*SEE STRUCTURAL DRAWINGS FOR ADDITIONAL REQ. SPECIAL INSPECTIONS*
NOTE:	CONTRACTOR SHALL FOLLOW THE LOCAL BUILDING CODE SPECIAL CODE AND ANY AMENDMENTS, AND SHALL FULFILL ALL REQUIREMENTS OF STATEMENT OF SPECIAL INSPECTIONS FOR THIS PROJECT AS APPROVED BY THE BUILDING OFFICIAL.
PROJECT DESCRIPTION	
DRAWING PACKAGE CONSISTS OF INFORMATION FOR CONSTRUCTION OF NEW, STAND-ALONE RESTAURANT LOCATED IN SAN ANTONIO, TX WITH 66 INTERIOR SEATS.	

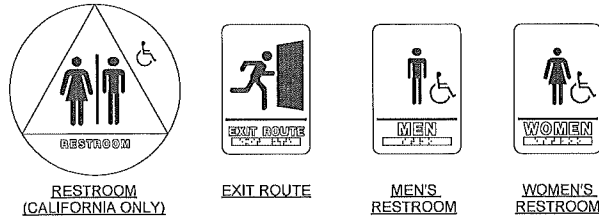
GENERAL NOTES	
1.	VERIFY ALL DIMENSIONS AND CONDITIONS OF CONSTRUCTION PRIOR TO START OF CONSTRUCTION. CONTACT ARCHITECT IF DISCREPANCIES OCCUR.
2.	ALL SURFACES WHICH ARE INDICATED TO BE FINISHED OR PAINTED SHALL BE PREPARED, SANDED, TREATED, AND PRIMED IN STRICT ACCORDANCE WITH COMMERCIAL QUALITY STANDARDS, AND IN STRICT ACCORDANCE WITH FINISH MATERIAL MANUFACTURER'S DETAILED INSTRUCTIONS.
3.	ALL WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE CODES.
4.	ALL JOINTS AND OTHER OPENINGS IN THE EXTERIOR BUILDING ENVELOPE SHALL BE CAULKED, GASKETED, WEATHER-STRIPPED, OR OTHERWISE SEALED IN ACCORDANCE WITH THE BUILDING CODE AND ENERGY CODE.
5.	PROVIDE WOOD BLOCKING FOR ALL ITEMS, INCLUDING BUT NOT LIMITED TO, SYSTEM COMPONENTS, GRAB BARS, FIXTURES, SWITCHES, ELECTRICAL PANELS, UNIT HEATERS, DOOR STOPS, HARDWARE, ETC.
6.	PAINT OR FINISH ALL NEW EXPOSED SURFACES UNLESS SPECIFICALLY NOTED OTHERWISE OR IF SURFACE IS PREFINISHED.
7.	PROVIDE FIRE EXTINGUISHERS PER APPLICABLE CODES. VERIFY FINAL LOCATION WITH A.H.J.
8.	MAINTAIN SAFE EXITING AND APPROPRIATE FIRE PREVENTION PROCEDURES AT ALL TIMES DURING THE CONSTRUCTION PROCESS.
9.	AT BUILDING ELEMENTS PROJECTING FROM THE MAIN STRUCTURE, MATERIALS AND FINISHES ON THE FACE OF THE ELEMENT SHALL RETURN TO THE ADJACENT MAIN STRUCTURAL WALL WHETHER OR NOT SHOWN ON AN ADJACENT WALL SECTION, TYPICAL.
10.	PROVIDE ALL NECESSARY BRACING TO STRUCTURE FOR INTERIOR PARTITIONS, SOFFITS, CEILINGS, PLATFORMS, ETC. WHETHER OR NOT SHOWN ON THE DRAWINGS.
11.	MAXIMUM SLOPE OF NEW PAVEMENT SHALL NOT EXCEED 4.9% (1:21). MAXIMUM CROSS SLOPE OF NEW PAVEMENT SHALL NOT EXCEED 2% (1:50). MINIMUM SLOPE OF NEW EXTERIOR PAVEMENT SHALL BE 2% TO DRAIN AWAY FROM BUILDING.
12.	THE NUMBERING OF KEYNOTES INTO CSI DIVISIONS IS NOT TO BE CONSTRUED AS COMPATIBLE WITH THE LATEST DIVISION STANDARDS; IT IS FOR CONVENIENCE & BREVITY ONLY. SOME NUMBERS MAY NOT BE USED.
13.	PROVIDE CONTINUOUS SEALANT AND BACKER ROD AT EACH FACE OF ALL STOREFRONT, DOOR AND WINDOW FRAMES FOR ENTIRE PERIMETER OF FRAME. PROVIDE SHIM SPACE AND SHIMS TO LEVEL FOR INSTALLATION. DOOR SIZES ARE NOMINAL OPENING WIDTH. WINDOW OPENING DIMENSIONS SHOWN ARE TO ROUGH OPENINGS.
14.	



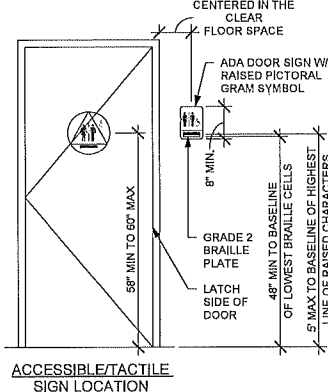
ARCHITECT OF RECORD  
COVER SHEET

SHEET:  
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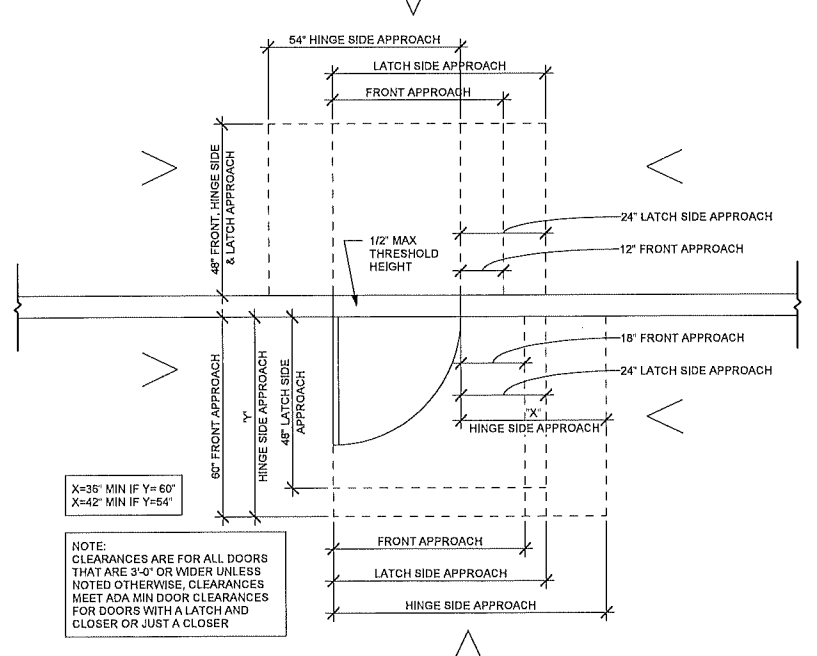
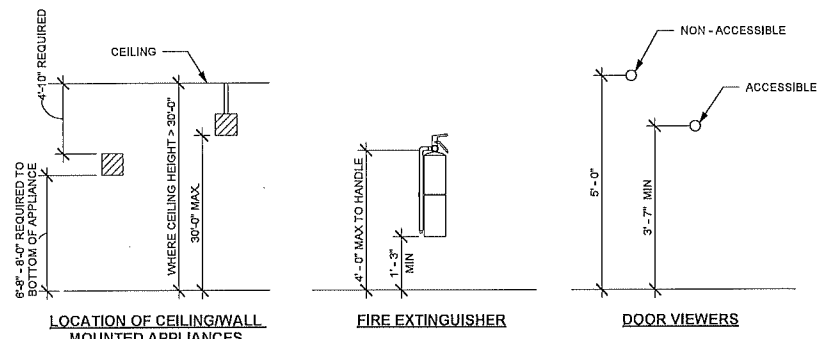
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- GENERAL NOTES:**
- SIGN TO BE ADHESIVE ACRYLIC WITH RAISED CHARACTERS WITH A MINIMUM HEIGHT OF 68" AND MAXIMUM HEIGHT OF 2' ACCOMPANIED BY GRADE 2 BRAILLE
  - PICTOGRAMS SHALL HAVE THE EQUIVALENT VERBAL DESCRIPTION LISTED DIRECTLY BELOW
  - CHARACTERS, SYMBOLS AND THEIR BACKGROUNDS SHALL HAVE A NON-GLARE FINISH WITH CHARACTERS AND SYMBOLS THAT CONTRAST WITH THE BACKGROUND
  - SIGN TO BE MOUNTED ALONG THE DOOR ON LATCH SIDE, SEE DIAGRAM RIGHT, WHEN SIGN OCCURS AT DOUBLE DOORS, MOUNT TO THE RIGHT OF THE RIGHT-HAND DOOR, WHEN WALL SPACE IS NOT AVAILABLE IN THE ABOVE LOCATIONS, SIGN TO BE INSTALLED ON THE NEAREST ADJACENT WALL
  - PROVIDE 18"x18" CLEAR FLOOR AREA CENTER ON SIGN, BEYOND THE ARC OF ANY DOOR SWING
  - SIGNS TO BE BLACK BACKGROUND WITH WHITE LETTERS, TYP ALL DOOR SIGNS ARE PROVIDED AND INSTALLED BY THE CONTRACTOR, DOOR SIGNAGE SHALL COMPLY WITH ADA INCLUDING CHARACTER HEIGHT AND PROPORTION, BRAILED CHARACTERS, FINISH AND CONTRAST, INTERNATIONAL SYMBOL OF ACCESSIBILITY AND MOUNTING HEIGHTS



**ACCESSIBLE TACTILE SIGNS & PLACEMENT**



**TYPICAL DOOR CLEARANCES**

**ABBREVIATIONS**

ABBR	DEFINITION
AC	AIR CONDITIONER
ADJ	ADJACENT
AFF	ABOVE FINISH FLOOR
AHJ	AUTHORITY HAVING JURISDICTION
ALUM	ALUMINUM
ARCH	ARCHITECTURAL
BFF	BELOW FINISH FLOOR
BO	BOTTOM OF
BRG	BEARING
CJ	CONTROL JOINT
CL	CENTERLINE
CMU	CONCRETE MASONRY UNIT
CONT	CONTINUOUS
DM	DIAMETER
DWG	DRAWING
EJ	EXPANSION JOINT
ELEV	ELEVATION
ELEC	ELECTRICAL
EXT	EXTERIOR
EQ	EQUAL
FE	FIRE EXTINGUISHER
FF	FINISH FLOOR
FFE	FINISH FLOOR ELEVATION
FRP	FIBERGLASS REINFORCED PLASTIC
GA	GAUGE
GC	GENERAL CONTRACTOR
GPS	GLASS PANEL SYSTEM
GYP BD	GYPSPUM BOARD
HC	HANDICAP ACCESSIBLE
HM	HOLLOW METAL
MAX	MAXIMUM
WBM	METAL BUILDING MANUFACTURER
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OH	OPPOSITE HAND
PLAM	PLASTIC LAMINATE
PT	PRESSURE TREATED
REF	REFERENCE
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
SIM	SIMILAR
STRUC	STRUCTURAL
TO	TOP OF
UNO	UNLESS NOTED OTHERWISE
THK	THICK
TYP	TYPICAL

**ACCESSIBILITY NOTES**

- ACCESSIBLE ENTRANCES TO THE BUILDING SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
- EXTERIOR EXITS WHICH ARE LOCATED ADJACENT TO ACCESSIBLE AREAS AND WITHIN 6' OR ADJACENT GROUND LEVEL SHALL BE ACCESSIBLE.
- ACCESSIBLE RAMPS REQUIRED BY ANSI A117.1 SHALL NOT HAVE SLOPES WHICH EXCEED 1 FOOT IN 12 FEET. THE SURFACE OF RAMPS AND GROUND SURFACES SHALL BE ROUGHENED OR SHALL BE OF SLIP RESISTANT MATERIALS, RAMPS SHALL BE 36" WIDE MIN. AND 48" WIDE MIN. WITH HANDRAILS.
- AN ACCESSIBLE ROUTE OF TRAVEL 3 FEET WIDE MIN. MUST BE PROVIDED TO ALL PORTIONS OF THE BUILDING AND THE PUBLIC WAY, ACCESSIBLE ROUTES SHALL HAVE A MAXIMUM SLOPE OF 1:20 (5%), AND A MAXIMUM CROSS SLOPE OF 1:50 (2%).
- ALL THRESHOLDS, FLOOR LEVEL CHANGES, AND FLOOR TRANSITIONS SHALL NOT EXCEED 1/2" IN HEIGHT AND SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
- THE PRIMARY ENTRANCE TO THE BUILDING MUST BE ACCESSIBLE, ALL OTHER REQUIRED ENTRANCES/EXITS MUST BE ACCESSIBLE.
- ALL ACCESSIBLE PARKING SPACES SHALL HAVE A SLOPE NOT EXCEEDING 1:50.
- ALL ACCESSIBLE PARKING SPACES SHALL BE OUTLINED, HAVE A CONTRASTING COLOR AND THE INTERNATIONAL WHEELCHAIR SYMBOL ON THE GROUND WITHIN THE SPACE.
- ALL ACCESSIBLE PARKING SPACES SHALL HAVE A SIGN (MINIMUM 3 FEET ABOVE FIN. GRADE IN FRONT OF THE SPACE) WHICH INCLUDES THE INTERNATIONAL SYMBOL OF ACCESSIBILITY.
- SIGNS DESIGNATING PERMANENT ROOMS AND SPACES SHALL MEET ACCESSIBILITY REQUIREMENTS.
- ALL ELECTRICAL RECEPTACLES, LIGHT SWITCHES, VOLUME CONTROLS, AND THERMOSTATS IN PUBLIC AREAS SHALL BE 18" MIN AND 48" MAX AFF UNO ALL ALARMS (WHEN PROVIDED) SHALL BE AUDIBLE AND VISIBLE AND MEET ACCESSIBILITY REQUIREMENTS.
- PROVIDE A 60" x 60" MIN. LANDING WITH 24" OF THE LANDING BEYOND STRIKE SIDE OF DOOR WITH 44" MIN. WIDTH IN DIRECTION OF TRAVEL.
- WALKS SHALL EXTEND 24" TO THE SIDE OF THE STRIKE EDGE OF A DOOR OR GATE THAT SWINGS TOWARD THE WALK.
- EVERY REQUIRED EXIT DOORWAY SHALL BE SIZED FOR A DOOR NOT LESS THAN 3'-0" WIDE BY NOT LESS THAN 6'-8" HIGH, CAPABLE OF OPENING 90 DEGREES AND MOUNTED SO THAT THE CLEAR WIDTH OF THE EXIT WAY IS 32" MINIMUM.
- MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS.
- THE BOTTOM 10 INCHES OF ALL DOORS, EXCEPT AUTOMATIC AND SLIDING DOORS, SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE.
- ALL PANIC HARDWARE SHALL BE MOUNTED NO HIGHER THAN 48" AFF.
- SELF-CLOSING DOORS TO REMAIN OPEN FOR A MINIMUM OF 10 SECONDS.
- ACCESSIBLE TABLES SHALL BE A MINIMUM OF 27" CLEAR KNEE SPACE AFF, TOP OF TABLE SHALL BE 34" AFF MAX.
- COAT HOOKS IN THE TOILET STALLS SHALL BE MOUNTED TO THE BACKSIDES OF DOORS AT 48" AFF IN ACCESSIBLE STALLS AND 60" IN STANDARD STALLS.
- FLUSH VALVES ON THE TOILETS SHALL ALWAYS BE LOCATED ON THE WIDE SIDE OF THE TOILET STALL.
- PROVIDE LEVER TYPE HARDWARE, PANIC BARS, PUSH/PULL ACTIVATING BARS, OR OTHER HARDWARE DESIGNED TO PROVIDE PASSAGE WITHOUT REQUIRING THE ABILITY TO GRASP THE OPENING HARDWARE (30" TO 44" AFF), UTILIZE 5 LBS. OF FORCE OR LESS TO OPERATE.

**DRAWING SYMBOLS LEGEND**

**GENERAL NOTES**

- CONTRACTOR SHALL, PRIOR TO COMMENCEMENT OF WORK, FIELD VERIFY ALL EXISTING PROJECT CONDITIONS, INCLUDING DIMENSIONS AND UTILITY LOCATIONS AND UTILITY SIZES.
- FIELD CONFIRMATION OF DISCREPANCIES SHALL BE RECORDED ON A REPRODUCIBLE DOCUMENT AND IMMEDIATELY TRANSMITTED TO ARCHITECT FOR PROJECT RECORD, COORDINATION, AND NECESSARY RESOLUTION PRIOR TO CONTINUING WITH WORK.
- CONTRACTOR SHALL VERIFY, AND BE RESPONSIBLE FOR, ALL WORK AND MATERIALS - INCLUDING THOSE FURNISHED BY SUBCONTRACTORS.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED SIZES; DO NOT SCALE DRAWINGS TO DETERMINE ANY LOCATIONS. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO CONTINUING WITH WORK.
- ALL DIMENSIONS ON PLANS ARE TO CENTERLINE OF WALLS AND COLUMNS, FACE OF STUD (FOS) OR FACE OF MASONRY (FOM), UNLESS NOTED OTHERWISE.
- ALL WORK SHALL CONFORM TO THE LATEST ADOPTED EDITIONS OF ALL APPLICABLE BUILDING CODES; REFER TO PROJECT DATA, THE AMERICANS WITH DISABILITIES ACT, AS WELL AS ALL OTHER LOCAL GOVERNING CODES AND ORDINANCES.
- CONTRACTOR SHALL REPORT TO THE OWNER ANY ERRORS, OMISSIONS, OR INCONSISTENCIES DISCOVERED ON THE SPECIFICATIONS OR DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY ERROR AFTER THE START OF CONSTRUCTION, WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF THE OWNER, AT THE CONTRACTOR'S EXPENSE. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY THE OWNER.
- THE GENERAL BUILDING PERMITS SHALL BE PAID FOR BY THE OWNER AND SECURED BY THE GENERAL CONTRACTOR. ALL OTHER REQUIRED PERMITS SHALL BE SECURED AND PAID FOR BY THE CONTRACTOR OR SUBCONTRACTOR DIRECTLY RESPONSIBLE.
- ALL REQUIRED CITY AND COUNTY LICENSES SHALL BE ACQUIRED AND PAID FOR BY THE INDIVIDUAL TRADES.
- ALL CONTRACTORS SHALL HAVE VALID CERTIFICATES OF WORKMAN'S COMPENSATION ON FILE WITH THE APPROPRIATE AGENCIES. INSURANCE REQUIREMENTS MUST BE MET PER LEASE AGREEMENT.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO LOCATE ALL EXISTING UTILITIES, WHETHER SHOWN HEREIN OR NOT, AND TO PROTECT THEM FROM DAMAGE. THE CONTRACTOR SHALL BEAR ALL EXPENSE FOR THE REPAIR OR REPLACEMENT OF UTILITIES AND ALL OTHER PROPERTY DAMAGED BY OPERATIONS IN CONJUNCTION WITH EXECUTION OF WORK.
- CONTRACTOR SHALL PROVIDE TEMPORARY FIELD OFFICE, TELEPHONES, FAX MACHINE, TEMPORARY SECURITY FENCE, WATER, POWER, AND TOILET FACILITIES. COORDINATE LOCATIONS WITH ALL APPROPRIATE AGENCIES. FIELD OFFICE SHALL ALSO CONTAIN CURRENT COPIES OF ALL GOVERNING BUILDING CODES AND AMENDMENTS.
- CITY APPROVED PLANS SHALL BE KEPT IN A PLAN BOX AND SHALL NOT BE USED BY WORKMEN. ALL CONSTRUCTION SETS SHALL REFLECT THE SAME INFORMATION. THE CONTRACTOR SHALL ALSO MAINTAIN, IN GOOD CONDITION, ONE (1) COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES. THESE ARE TO BE UNDER THE CARE OF THE JOB SUPERINTENDENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE SECURITY OF THE SITE WHILE JOB IS IN PROGRESS UNTIL WORK IS COMPLETE.
- CONTRACTOR SHALL MAINTAIN THE JOB SITE IN A CLEAN AND ORDERLY MANNER. ALL DEBRIS SHALL BE REMOVED FROM PREMISES AND ALL AREAS SHALL BE LEFT IN BROOM-CLEAN CONDITION AT ALL TIMES. CONTRACTOR SHALL LOCATE AND MAINTAIN A TRASH BIN AT THE SITE. SUCH BIN SHALL BE OF ADEQUATE DIMENSION TO KEEP SITE CLEAN AT ALL TIMES. DUST RESULTING FROM SALVAGE, DEMOLITION, AND REMOVAL WORK SHALL BE CONTROLLED TO PREVENT THE IMPOSITION OF A NUISANCE OR HAZARDOUS CONDITION TO THE ADJOINING PORTION OF THE PROJECT. THE USE OF WATER WILL NOT BE PERMITTED WHEN SUCH USE WOULD RESULT IN HAZARDOUS, OR OTHERWISE OBJECTIONABLE CONDITIONS.
- CONTRACTOR SHALL PROVIDE PEDESTRIAN PROTECTION IN ACCORDANCE WITH ALL APPLICABLE BUILDING CODES.
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO ENSURE THE SAFETY OF THE OCCUPANTS AND WORKERS AT ALL TIMES.
- CONTRACTOR SHALL PROVIDE REQUIRED PROTECTION INCLUDING, BUT NOT LIMITED TO, SHORING, BRACING, AND ALL OTHER SUPPORTS (INCLUDING ENGINEERING OF SYSTEMS) NECESSARY TO MAINTAIN OVERALL STRUCTURAL INTEGRITY OF THE BUILDING.
- ALL DEMOLITION AND CUTTING SHALL BE PERFORMED IN A MANNER AND BY METHODS WHICH ENSURE AGAINST DAMAGE TO EXISTING WORK.
- NO STRUCTURAL MEMBERS SHALL BE CUT TO ACCEPT PIPES, VENTS, DUCTS, OR OTHER PENETRATIONS, EXCEPT AS DETAILED OR SPECIFIED HEREIN.
- GYPSPUM BOARD AND SUSPENDED CEILING SYSTEMS SHALL CONFORM TO ALL LOCAL GOVERNING BUILDING CODES AND ORDINANCES.
- ALL GLASS AND GLAZING SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES AS WELL AS THE U.S. CONSUMER PRODUCT SAFETY COMMISSION, SAFETY STANDARDS FOR ARCHITECTURAL GLAZING MATERIALS (47 FR, 19516 TITLE NO. 18, CHAPTER 11, PART 1201).
- CONTRACTOR SHALL ASSIST OWNER IN OBTAINING FINAL APPROVAL OF LOCAL HEALTH DEPARTMENT AND THE TEMPORARY AND FINAL CERTIFICATES OF OCCUPANCY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR, AND SHALL REMEDY, REPAIR, OR REPLACE ANY FAULTY, IMPROPER OR INFERIOR WORKMANSHIP OR MATERIALS AND ANY RELATED DAMAGE CAUSED BY THESE WHICH SHALL APPEAR WITHIN ONE (1) YEAR AFTER THE COMPLETION AND ACCEPTANCE OF THE WORK UNDER THIS CONTRACT. REFER TO SPECIFICATIONS FOR WARRANTY REQUIREMENTS IN EXCESS OF ONE (1) YEAR.
- IN ADDITION TO EQUIPMENT WARRANTIES, FURNISH OWNER A WRITTEN GUARANTEE AGAINST LATENT AND PATENT DEFECTS IN MATERIALS AND WORKMANSHIP FOR ONE (1) YEAR. GUARANTEE SHALL INCLUDE REPAIR, DAMAGE TO, OR REPLACEMENT OF, ANY PART OF EQUIPMENT PROVIDED.
- PIPES, CONDUITS, OR DUCTS EXCEEDING ONE THIRD OF THE SLAB OR MEMBER THICKNESS SHALL NOT BE PLACED IN STRUCTURAL CONCRETE UNLESS SPECIFICALLY DETAILED. REFER TO MECHANICAL, ELECTRICAL, PLUMBING, AND STRUCTURAL DRAWINGS FOR LOCATION OF SLEEVES AND OTHER ACCESSORIES.
- ALL ELECTRICAL, MECHANICAL, AND PLUMBING WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL THE LEGALLY CONSTITUTED AUTHORITIES HAVING JURISDICTION.
- CONTRACTOR SHALL PROVIDE BRACING FOR SUPPORT OF ALL WALL, CEILING, AND PARTITION MOUNTED ITEMS SUCH AS TABLE BRACKETS, LIGHT FIXTURES, ARTIFACTS, SHELVING, EQUIPMENT, AND TELEVISIONS. COORDINATE LOCATIONS AND REQUIREMENTS WITH PLUMBING, MECHANICAL, ELECTRICAL, AND FOOD SERVICE DRAWINGS, AS WELL AS INTERIOR DESIGN CONSULTANT AND OWNER.
- CONTRACTOR SHALL VERIFY LOCATIONS OF FOOD SERVICE EQUIPMENT AND COORDINATE LOCATIONS OF FLOOR SINKS, FLOOR DRAINS, TROUGH DRAINS, SLAB DEPRESSIONS, RAISED CURBS, ELECTRICAL STUB-OUTS, PLUMBING STUB-OUTS, AND ALL OTHER WORK UNDER THE SCOPE OF RESPONSIBILITIES RELATED TO THIS EQUIPMENT. REFER TO THE FOOD SERVICE DRAWINGS FOR ADDITIONAL INFORMATION.
- EXTERIOR OPENINGS SHALL COMPLY WITH ALL SECURITY REQUIREMENTS AS OUTLINED IN ALL LOCAL BUILDING CODES AND ORDINANCES.
- ACCURATE AS-BUILT DRAWINGS SHALL BE GENERATED BY CONTRACTOR DURING CONSTRUCTION AND SUBMITTED TO OWNER UPON COMPLETION OF FINAL PUNCH LIST, BUT PRIOR TO REQUEST FOR FINAL PAYMENT, WITHIN TWO WEEKS AFTER C.O. IS ACQUIRED.
- FOUR (4) SETS OF EQUIPMENT OPERATING AND MAINTENANCE MANUALS SHALL BE SUBMITTED TO THE OWNER UPON COMPLETION OF PROJECT, BUT PRIOR TO REQUEST FOR FINAL PAYMENT, WITHIN TWO WEEKS AFTER C.O. IS ACQUIRED.
- CONTRACTOR SHALL NOT ALLOW ANY PERSON TO DESCEND INTO ANY TRENCH OR HOLE, OR CREATE ANY SUCH EXCAVATIONS, WITHOUT THE PRIOR APPROVAL OF BUILDING DEPARTMENT AS WELL AS ALL OTHER AGENCIES HAVING JURISDICTION.
- VERIFY FIRE EXTINGUISHER REQUIREMENTS AND LOCATIONS WITH FIRE MARSHAL AND OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL SEAL ALL GAPS, HOLES, AND CRACKS IN BUILDING CONSTRUCTION AS REQUIRED TO CONTROL INFILTRATION OF INSECTS.
- CONTRACTOR SHALL INSTRUCT SUBCONTRACTORS TO CAREFULLY REVIEW THE CONSTRUCTION DOCUMENTS IN THEIR ENTIRETY. INFORMATION REGARDING COMPLETE WORK OF SPECIFIC TRADES AND SUB-TRADES IS DISPERSED THROUGHOUT THE DRAWINGS AND SPECIFICATIONS AND CANNOT BE DETERMINED BY REFERENCE TO ANYTHING OTHER THAN COMPLETE SETS OF DOCUMENTS.
- NOTHING IN THESE DOCUMENTS IS TO BE INTERPRETED AS RELIEVING THE CONTRACTOR OF SOLE RESPONSIBILITY FOR THE METHODS AND MEANS OF CONSTRUCTION, AS WELL AS SAFETY AT THE JOB SITE.
- THE LIFE SAFETY INSPECTOR WILL MAKE FINAL DETERMINATION OF FIRE LANES BEFORE FINAL INSPECTION IS MADE. SEE SITE PLAN FOR REQUIREMENTS.



**STIPULATION FOR REUSE**  
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**SLIM CHICKENS**  
14583 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253

**ISSUE BLOCK**

NO.	DESCRIPTION	DATE

CHECKED BY: LW  
DRAWN BY: RM  
DOCUMENT DATE: 10/30/24  
PROTO: Q1-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24



**SYMBOLS, ABBREVIATIONS AND GENERAL NOTES**

SHEET: **G001**

**OCCUPANT LOAD:**

OCCUPANCY	AREA	AREA PER OCCUPANT	OCCUPANT LOAD
ASSEMBLY - STANDING	52 SF	5 SF	11
ASSEMBLY - UNCONCENTRATED	610 SF	15 SF	41
ASSEMBLY - CONCENTRATED	71 LF	2 LF	36
BUSINESS	35 SF	150 SF	1
KITCHEN	926 SF	200 SF	5
STORAGE	608 SF	300 SF	2
NET TOTAL	2,311 SF		96

**FIRE RESISTANCE SUMMARY:**

	RATING (HOURS)
STRUCTURAL FRAMING	0 HR
EXTERIOR BEARING WALLS	0 HR
INTERIOR BEARING WALLS	0 HR
EXTERIOR NONBEARING WALLS	0 HR
INTERIOR NONBEARING WALLS	0 HR
ROOF CONSTRUCTION	0 HR
CORRIDORS	0 HR

**GENERAL NOTES**

- GENERAL CONTRACTOR TO SCHEDULE THE ANSUL SYSTEM
- USE OWNER SPECIFIED VENDOR FOR ELECTRICAL PANELS AND SWITCHGEAR
- USE OWNER SPECIFIED VENDOR FOR INTERIOR AND EXTERIOR LIGHTING
- USE OWNER SPECIFIED VENDOR FOR SITE LIGHT POLES
- GENERAL CONTRACTOR TO COORDINATE WITH OWNER FOR PREFERRED VENDOR LIST

**RESPONSIBILITY SCHEDULE**

DIVISION	DESCRIPTION	GENERAL CONTRACTOR		OWNER		LANDLORD	
		FURNISH	INSTALL	FURNISH	INSTALL	FURNISH	INSTALL
DIVISION 2	SITE DEMOLITION						
	SITE WORK						
	LANDSCAPING AND IRRIGATION						
	SWPPP						
	BUILDING PAD AND PARKING LOT COMPACTION						
	SITE UTILITIES AND REQUIRED TESTING						
DIVISION 3	FOOTINGS AND SLAB						
	DUMPSTER FOOTINGS, SLAB AND APRON						
	CURB AND GUTTER, SIDEWALKS AND PATIO						
	MENU BOARD CAGES						
	LIGHT POLE BASES						
	SLAB, PARKING LOT, CURB AND SIDEWALK EXPANSION JOINTS						
DIVISION 4	BUILDING AND DUMPSTER BRICK AND MASONRY						
	FLASHINGS AND WEEPS						
	MORTAR NET						
	EXPANSION JOINTS CAULK						
DIVISION 5	PATIO FENCE AND RAILING						
	COOLER/FREEZER ENCLOSURE FENCE POSTS						
	DUMPSTER ENCLOSURE GATE POSTS						
	STRUCTURAL STEEL						
	BOLLARDS						
DIVISION 6	WOOD FRAMING						
	TRUSSES						
	ROUGH SAWN CEDAR FENCE AT COOLER/FREEZER						
	COMPOSITE DECKING AT FRONT SIGN BACKER AND DUMPSTER GATE						
	WOOD BLOCKING						
	FIRE BLOCKING						
DIVISION 7	INSULATION						
	R PANEL ROOFING						
	SINGLE PLY ROOFING, ROOF PADS AND ACCESSORIES						
	SNOW GUARDS						
	GUTTERS AND DOWNSPOUTS						
	WATERPROOFING						
	COPINGS AND FLASHINGS						
DIVISION 8	GLAZING						
	DOORS						
	STOREFRONT						
	DOOR HARDWARE						
	STAINLESS STEEL PASS THRU WINDOW						
	DRIVE THRU WINDOW						
	DOOR/WINDOW SEALANTS AND FLASHINGS						
DIVISION 9	INTERIOR WALL SHEATHING						
	FRP AND TRIM						
	STAINLESS STEEL WALL PANELS (BEHIND HOOD)						
	STAINLESS STEEL WALL PANELS (NOT BEHIND HOOD)						
	STAINLESS STEEL TRIM AROUND OPENINGS TO FREEZER/COOLER						
	CEILING GRID AND PANELS						
	MILLWORK						
	PENETRATIONS IN MILLWORK FOR DRAIN LINES, POWER AND DATA, AND CUP HOLDERS						
	PAINTS, STAINS AND SEALERS						
	WALL TILE AND BACKSPASHES						
	WALL BASE						
	RESINOUS FLOORING						
DIVISION 10	FIRE EXTINGUISHERS						
	BABY CHANGING STATIONS						
	PANEL SIGNAGE						
	METAL AWNINGS						
	TOILET ACCESSORIES						
	RESTROOMS PARTITIONS						
DIVISION 11	KITCHEN EQUIPMENT						
	GREASE RECOVERY TANK						
	GREASE RECOVERY PIPING						
DIVISION 12	FURNISHINGS						
	SIMULATED COUNTERTOPS						
DIVISION 15	COOLER/FREEZER						
	COOLER/FREEZER CONDENSERS, DRAIN LINES AND REFRIGERATION LINES						
DIVISION 22	UNDERGROUND PLUMBING, DRAINS AND FLOOR SINKS						
	PLUMBING ROUGH IN						
	RPZ'S						
	EXTERIOR HOSE BIBBS						
	KITCHEN SINKS						
	FAUCETS						
	GAS LINES						
	WATER CLOSETS AND LAVATORIES						
	WATER HEATERS						
	EXTERIOR HEATERS						
DIVISION 23	THERMOSTATS						
	DOAS (GC TO COORDINATE W/ OWNER FOR PROCUREMENT)						
	KITCHEN EXHAUST FAN						
	RESTROOM EXHAUST FAN						
	AIR CURTAINS						
	GREASE DUCT (GC TO COORDINATE W/ OWNER FOR PROCUREMENT)						
	DIFFUSERS						
	SENSORS						
	TEST AND BALANCE REPORT						
	KITCHEN HOOD (GC TO COORDINATE W/ OWNER FOR PROCUREMENT)						
	ANSUL SYSTEM (GC TO COORDINATE W/ OWNER FOR PROCUREMENT)						
	DUCTWORK						
DIVISION 26	SITE POWER UTILITIES AND PERMANENT POWER						
	POWER FOR SITE SIGNAGE AND LIGHT POLES						
	TEMPORARY POWER TO SITE AND JOB TRAILER						
	UNDERSLAB CONDUIT						
	CONDUIT FOR TELEPHONE AND CABLE						
	ELECTRICAL PANELS AND SWITCH GEAR						
	WIRING AND CONDUIT						
	ELECTRICAL AND DATA ROUGH IN BOXES						
	LOW VOLTAGE WIRING						
	AUDIO AND VISUAL SYSTEMS						
	INTERIOR AND EXTERIOR LIGHTING						
	SITE LIGHT POLES						
	CONDUIT FOR BUILDING WALL SIGNAGE						
	CONDUIT FOR DRIVE THRU LOOP AND MENU BOARDS						
	METAL LIGHTING CLOUD						
DIVISION 28	FIRE ALARM						

**MEANS OF EGRESS:**

EGRESS WIDTH	FACTOR	REQUIRED INCHES	PROVIDED INCHES
STAIRWAYS	.3	N/A	N/A
DOORS, RAMPS, CORRIDORS	.2	32"	192"
EXIT ACCESS REQUIREMENTS		REQUIRED	PROVIDED
MINIMUM NUMBER OF EXITS		2	4
MINIMUM CORRIDOR WIDTH		44"	49"
MINIMUM EXIT SEPARATION		29'-1 1/2"	40'-7"
MAXIMUM LENGTH OF ACCESS TRAVEL		200'	56'-0"
MAX LENGTH COMMON PATH OF EGRESS		75'	29'

**INTERIOR FINISH FLAME SPREAD CLASS:**

	WALLS/CEILINGS
Exit Passageways	B
Corridors	B
Rooms and Enclosed Spaces	C

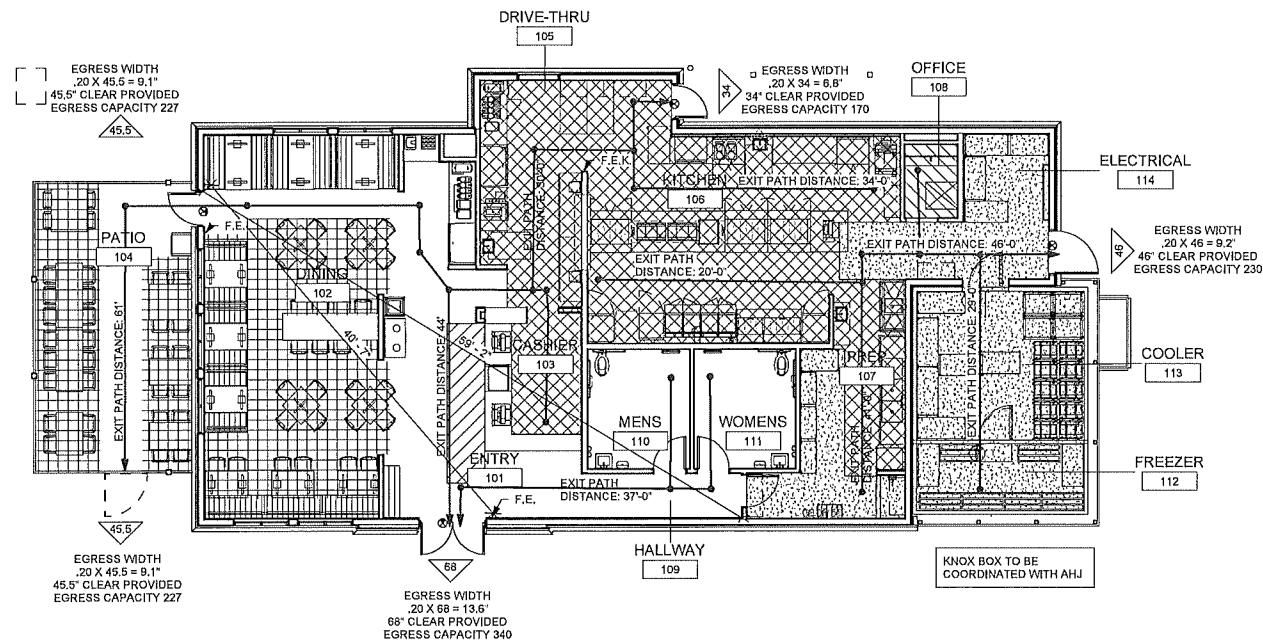
**SEATING & PARKING PROVIDED:**

INTERIOR SEATING PROVIDED 66  
 EXTERIOR SEATING PROVIDED 32  
 PARKING SPOTS PROVIDED 23 Standard + 2 Accessible

**PLUMBING FIXTURE COUNT:**

FIXTURE TYPE	TOTAL OCCUPANT LOAD:	FACTOR	MEN: 48		WOMEN: 48	
			REQUIRED	PROVIDED	REQUIRED	PROVIDED
WATER CLOSET		1 PER 75	1	1	1	1
URINALS		50% MAY BE URINAL	N/A	0	N/A	N/A
LAVATORIES		1 PER 200	1	1	1	1
UNISEX TOILET (REQUIRED IF 6 OR MORE WC ARE REQUIRED)		N/A	N/A	N/A	N/A	N/A
SERVICE SINK		1 REQUIRED/1 PROVIDED	N/A	N/A	N/A	N/A
DRINKING FOUNTAIN		NOT REQUIRED PER 410.4	N/A	N/A	N/A	N/A

**2 CODE ANALYSIS**



EGRESS PATH	LENGTH
CASHIER	44'
DINING - PATIO	61'
DRIVE-THRU	30'
FREEZER	29'
KITCHEN (A)	34'
KITCHEN (B)	46'
OFFICE	21'
PREP	41'
RESTROOM (110)	34'
RESTROOM (111)	37'

**LEGEND:**

- ROOM NAME ROOM TAG
- DIRECTION OF TRAVEL (AT EXIT) AND COMBINED OCCUPANCY LOAD.
- START AND EXIT PATH WITH DISTANCE.
- EXIT SIGN WITH BATTERY BACK-UP POWER - WALL/CEILING MOUNTED. (SEE ELECTRICAL AND VERIFY WITH FIRE MARSHAL).
- F.E. FIRE EXTINGUISHER BRACKET MOUNTED
- F.E.K. FIRE EXTINGUISHER (CLASS K) BRACKET MOUNTED

**OCCUPANT LEGEND:**

- ASSEMBLY - STANDING
- ASSEMBLY - UNCONCENTRATED
- KITCHEN
- STORAGE
- BUSINESS
- ASSEMBLY - CONCENTRATED

**1 LIFE SAFETY PLAN**

1/8" = 1'-0"



CYNERGY  
 810 S CINCHNATI AVE  
 SUITE 200  
 TULSA, OK 74119  
 918.877.6000

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 ANY PURPOSES AND MAY BE CONTRARY TO  
 THE LAW.

1030224  
 DATE:  
 SLIM CHICKENS  
 14585 POTRANCO ROAD  
 SAN ANTONIO (POTRANCO) TX 78253

ISSUE BLOCK

NO.	DATE	DESCRIPTION

CHECKED BY: LW  
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 DOCUMENT DATE: 10/30/24  
 PROTO: Q1-JOURNEY-LEFT  
 PROTO CYCLE: 02/07/24



ARCHITECT OF RECORD  
**LIFE SAFETY PLAN**

SHEET:  
**LS**

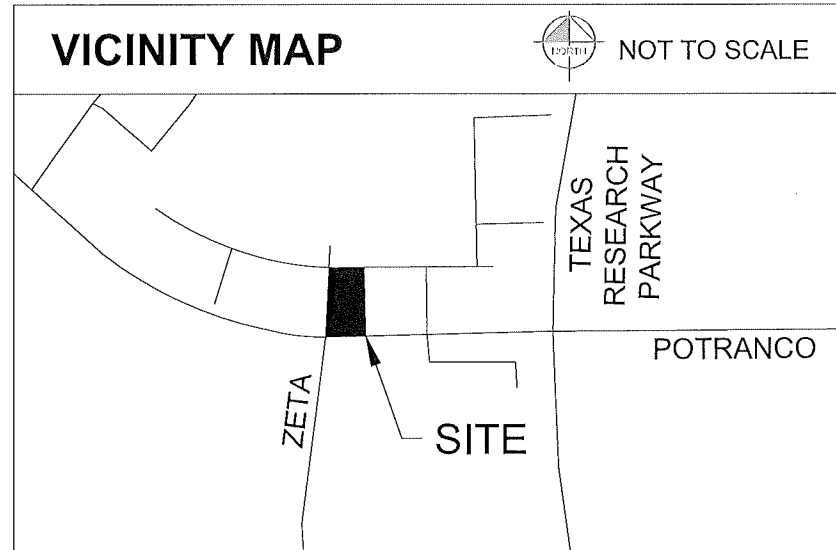
# CIVIL CONSTRUCTION PLANS

## FOR

# SLIM CHICKENS RESTAURANT

AT  
 14583 POTRANCO RD  
 SAN ANTONIO, TX (BEXAR) 78253

<b>DEVELOPER</b>
BIG STAR HOSPITALITY 1630 EAST 6TH STREET SUITE 100 AUSTIN, TX 78702 PHONE: 210-930-2834 CONTACT: DAN MCGRATH
<b>ARCHITECT</b>
CYNERGY 810 S CINCINNATI AVE SUITE 200 TULSA, OK 74119 PHONE: 918-871-2084 CONTACT: LINDA WAYTULA
<b>CIVIL ENGINEER</b>
<b>Kimley»Horn</b> 4727 GALLARDIA PARKWAY SUITE 250 OKLAHOMA CITY, OK 73142 PHONE: 405-463-4955 CONTACT: RYAN FAIRSHEETS
<b>SURVEYOR</b>
<b>Kimley»Horn</b> 10101 REUNION PLACE SUITE 400 SAN ANTONIO, TX 78216 PHONE: 210-414-5619 CONTACT: GREG MOSIER
<b>GEOTECHNICAL ENGINEER</b>
ECS SOUTHWEST, LLP SAN ANTONIO, TX 78216 PHONE: 210-528-1430 CONTACT: RICHARD E. WEBB  REPORT #: 20:1359



LEGAL DESCRIPTION:

1.024 AC  
 LOT 14, BLOCK 1  
 REDBIRD RANCH  
 211/POTRANCO  
 CB 4369  
 DOC # 20210152394  
 OPRBC

<b>UTILITY CONTACTS</b>
COUNTY UTILITIES DEPARTMENT: DAVID DUGGAN 210-335-0324 DAVID.DUGGAN@BEXAR.ORG
ELECTRIC: CPS ENERGY JOSH PEREZ 210-353-4050 CE@CPSENERGY.COM
NATURAL GAS: CPS ENERGY JOSH PEREZ 210-353-4050 CE@CPSENERGY.COM
COMMUNICATIONS: AT&T RYAN ARNOLD 832-371-1770 RYAN.ARNOLD@ATT.COM

AS PART OF THE BASE BID FOR THIS PROJECT, CONTRACTOR SHALL ADHERE TO THE PROJECT GEOTECHNICAL REPORT FOR ALL RECOMMENDATIONS FOR BOTH MATERIALS AND PRACTICE OF INSTALLATION GIVEN IN THE PROJECT GEOTECHNICAL REPORT FOR EARTHWORK, SITE SUBGRADE PREPARATION, BUILDING PAD SUBGRADE PREPARATION, PAVING, AND WET/SOFT SOILS CONDITIONS ALONG WITH ANY OTHER SECTIONS PROVIDED IN THE REPORT.

TITLE: GEOTECHNICAL ENGINEERING REPORT  
 BY: ECS SOUTHWEST, LLP  
 DATED: JANUARY 28, 2022

INCLUDING ALL REVISIONS AND ADDENDA TO THIS REPORT THAT MAY HAVE BEEN RELEASE AFTER THE NOTED DATE.

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C-002	GENERAL NOTES
C-003	GENERAL LEGEND
C-004	SURVEY SHEET 1
C-005	SURVEY SHEET 2
C-100	DEMOLITION PLAN
C-101	EROSION CONTROL PLAN
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C-200	SITE PLAN
C-201	DIMENSION CONTROL AND PAVING PLAN
C-202	FIRE PROTECTION PLAN
C-300	GRADING PLAN
C-301	PROPOSED DRAINAGE AREA MAP
C-400	UTILITY PLAN
C-500	CONSTRUCTION DETAILS 1

# NOVEMBER 2024

KHA PROJECT 08181800	DATE	NOVEMBER 2024	SCALE	AS SHOWN	DESIGNED BY	RCF	DRAWN BY	SEW	CHECKED BY	RCF
<b>SLIM CHICKENS SAN ANTONIO</b>										
<b>COVER SHEET</b>										
SHEET NUMBER <b>C-001</b>										

**Kimley»Horn**

© 2023 KIMLEY-HORN AND ASSOCIATES, INC.  
 4727 GALLARDIA PARKWAY, SUITE 250, OKLAHOMA CITY, OK 73142  
 PHONE: 405-241-5623 FIRM NO. 2740; EXR - JUNE 30, 2023  
 WWW.KIMLEY-HORN.COM

Plotted By: Fairshets, Ryan, Date: November 18, 2024, 08:33:51am, File Path: K:\okc\_civil\060014800-slim\_chickens - san\_antonio\5\_CAD\plan sheets\Cover Sheet.dwg  
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**KH GENERAL NOTES**

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THESE PLANS, CITY OR TOWN STANDARD DETAILS AND SPECIFICATIONS. THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE CITY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION AND DETAIL SHALL FOLLOW.

2. THE CONTRACTOR SHALL COMPLY WITH CITY OR TOWN GENERAL NOTES FOR CONSTRUCTION, IF EXISTING AND REQUIRED BY THE CITY. FOR INSTANCES WHERE THEY CONFLICT WITH THESE KH GENERAL NOTES, THEN THE MORE RESTRICTIVE SHALL APPLY.

3. THE CONTRACTOR SHALL FURNISH ALL MATERIAL AND LABOR TO CONSTRUCT THE FACILITY AS SHOWN AND DESCRIBED IN THE CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH THE APPROPRIATE SPECIFICATION AND REQUIREMENTS.

4. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO DETERMINE EXISTING CONDITIONS.

5. THE EXISTING CONDITIONS SHOWN ON THESE PLANS WERE PROVIDED BY THE TOPOGRAPHIC SURVEY PREPARED BY THE PROJECT SURVEYOR AND ARE BASED ON THE BENCHMARKS SHOWN. THE CONTRACTOR SHALL REFERENCE THE SAME BENCHMARKS.

6. THE CONTRACTOR SHALL REVIEW AND VERIFY THE EXISTING TOPOGRAPHIC SURVEY SHOWN ON THE PLANS REPRESENTS EXISTING FIELD CONDITIONS PRIOR TO CONSTRUCTION, AND SHALL REPORT ANY DISCREPANCIES FOUND TO THE OWNER AND ENGINEER IMMEDIATELY.

7. IF THE CONTRACTOR DOES NOT ACCEPT THE EXISTING TOPOGRAPHIC SURVEY AS SHOWN ON THE PLANS, WITHOUT EXCEPTION, THEN THE CONTRACTOR SHALL SUPPLY AT THEIR OWN EXPENSE, A TOPOGRAPHIC SURVEY BY A REGISTERED PROFESSIONAL LAND SURVEYOR TO THE OWNER AND ENGINEER FOR REVIEW.

8. CONTRACTOR SHALL PROVIDE ALL CONSTRUCTION SURVEYING AND STAKING.

9. CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL CONTROL, INCLUDING BENCHMARKS PRIOR TO COMMENCING CONSTRUCTION OR STAKING OF IMPROVEMENTS. PROPERTY LINES AND CORNERS SHALL BE HELD AS THE HORIZONTAL CONTROL.

10. THE CONTRACTOR SHALL REVIEW AND VERIFY ALL DIMENSIONS, ELEVATIONS, AND FIELD CONDITIONS THAT MAY AFFECT CONSTRUCTION. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER BEFORE COMMENCING WORK. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN ARE TO BE MADE WITHOUT PRIOR APPROVAL OF THE ARCHITECT, ENGINEER, AND IF APPLICABLE, THE CITY AND OWNER. NO COOPERATION WILL BE GIVEN TO CHANGE ORDERS FOR WHICH THE CITY, ENGINEER, AND OWNER WERE NOT CONTACTED PRIOR TO CONSTRUCTION OF THE AFFECTED ITEM.

11. CONTRACTOR SHALL THOROUGHLY CHECK COORDINATION OF CIVIL, LANDSCAPE, MEP, ARCHITECTURAL, AND OTHER PLANS PRIOR TO COMMENCING CONSTRUCTION. OWNER/ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY PRIOR TO COMMENCING CONSTRUCTION.

12. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES WHICH MAY HAVE BURIED OR AERIAL UTILITIES WITHIN OR NEAR THE CONSTRUCTION AREA BEFORE COMMENCING WORK TO OBTAIN THEM FOR THE EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE AN ADEQUATE MINIMUM NOTICE TO ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION.

13. CONTRACTOR SHALL CALL TEXAS 811 AN ADEQUATE AMOUNT OF TIME PRIOR TO COMMENCING CONSTRUCTION OR ANY EXCAVATION.

14. CONTRACTOR SHALL USE EXTREME CAUTION AS THE SITE CONTAINS VARIOUS KNOWN AND UNKNOWN PUBLIC AND PRIVATE UTILITIES.

15. THE LOCATIONS, ELEVATIONS, DEPTH, AND DIMENSIONS OF EXISTING UTILITIES SHOWN ON THE PLANS WERE OBTAINED FROM AVAILABLE UTILITY COMPANY MAPS AND PLANS, AND ARE CONSIDERED APPROXIMATE AND NOT FINAL. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE PRESENCE, LOCATION, ELEVATION, DEPTH, AND DIMENSION OF EXISTING UTILITIES SUFFICIENTLY IN ADVANCE OF CONSTRUCTION SO THAT ADJUSTMENTS CAN BE MADE TO PROVIDE ADEQUATE CLEARANCES. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES WITH SUFFICIENT NOTICE TO ALLOW THEM TO BE PRESENT AT THE CONSTRUCTION SITE.

16. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ANY ADJUSTMENTS AND RELOCATIONS OF EXISTING UTILITIES THAT CONFLICT WITH THE PROPOSED IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, ADJUSTING EXISTING MANHOLES TO MATCH PROPOSED GRADES, RELOCATING EXISTING POLES AND UTILITY STRUCTURES THAT ARE LOCATED IN THE PROPOSED DRIVEWAY, ADJUSTING THE HORIZONTAL OR VERTICAL ALIGNMENT OF EXISTING UNDERGROUND UTILITIES TO ACCOMMODATE PROPOSED GRADE OR CROSSING WITH A PROPOSED UTILITY, AND ANY OTHERS THAT MAY BE ENCOUNTERED THAT ARE UNKNOWN AT THIS TIME AND NOT SHOWN ON THESE PLANS.

17. CONTRACTOR SHALL ARRANGE FOR OR PROVIDE AT ITS EXPENSE, ALL GAS, TELECOMMUNICATIONS, CABLE, OVERHEAD AND UNDERGROUND POWER LINE, AND UTILITY POLE ADJUSTMENTS NEEDED.

18. CONTRACTOR IS RESPONSIBLE FOR COORDINATING INSTALLATION OF FRANCHISE UTILITIES THAT ARE NECESSARY FOR ON-SITE AND OFF-SITE CONSTRUCTION, AND SERVICE TO THE PROPOSED DEVELOPMENT.

19. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ALL DAMAGES DUE TO THE CONTRACTOR'S FAILURE TO EXCAVATE LOCATIONS AND PRESERVE ALL UTILITIES. THE OWNER OR ENGINEER WILL ASSUME NO LIABILITY FOR ANY DAMAGES SUSTAINED OR COST INCURRED BECAUSE OF THE OPERATIONS IN THE VICINITY OF EXISTING UTILITIES OR STRUCTURES NECESSARY TO SHORE, BRACE, SWAY OR RELOCATE A UTILITY. THE UTILITY COMPANY OR DEPARTMENT AFFECTED SHALL BE CONTACTED BY THE CONTRACTOR AND THEIR PERMISSION OBTAINED REGARDING THE METHOD TO USE FOR SUCH WORK.

20. BRACING OF POLES MAY BE REQUIRED BY THE UTILITY COMPANIES WHEN TRENCHING OR EXCAVATING IN CLOSE PROXIMITY TO THE POLES. THE COST OF BRACING POLES WILL BE BORNE BY THE CONTRACTOR, WITH NO SEPARATE PAY ITEM FOR THIS WORK. THE COST IS INCIDENTAL TO THE POLE ITEM.

21. CONTRACTOR SHALL USE ALL NECESSARY SAFETY PRECAUTIONS TO AVOID CONTACT WITH OVERHEAD AND UNDERGROUND POWER LINES. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE LOCAL, STATE, FEDERAL AND UTILITY OWNER REGULATIONS PERTAINING TO WORK NEAR/ON POWER LINES.

22. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL REQUIRED CONSTRUCTION PERMITS, APPROVALS, AND BONDS PRIOR TO CONSTRUCTION.

23. THE CONTRACTOR SHALL HAVE AVAILABLE AT THE JOB SITE AT ALL TIMES A COPY OF THE CONTRACT DOCUMENTS INCLUDING PLANS, GEOTECHNICAL REPORT AND ADDENDA, PROJECT AND CITY SPECIFICATIONS AND SPECIAL CONDITIONS, COPIES OF ANY REQUIRED CONSTRUCTION PERMITS, EROSION CONTROL PLANS, SWPPP AND INSPECTION REPORTS.

24. ALL SHOP DRAWINGS AND OTHER DOCUMENTS THAT REQUIRE ENGINEER REVIEW SHALL BE SUBMITTED BY THE CONTRACTOR SUFFICIENTLY IN ADVANCE OF CONSTRUCTION OF THAT ITEM, SO THAT NO LESS THAN 10 BUSINESS DAYS FOR REVIEW AND RESPONSE IS AVAILABLE.

25. ALL NECESSARY INSPECTIONS AND/OR CERTIFICATIONS REQUIRED BY CODES, JURISDICTIONAL AGENCIES, AND/OR UTILITY SERVICE COMPANIES SHALL BE PERFORMED PRIOR TO USE OF THE FACILITY AND THE FINAL CONNECTION OF SERVICES.

26. CONTRACTOR SHALL OBTAIN ALL REQUIRED CITY PERMITS.

27. CONTRACTOR'S BID PRICE SHALL INCLUDE ALL INSPECTION FEES.

28. ALL SYMBOLS SHOWN ON THESE PLANS (E.G. FIRE HYDRANT, METERS, VALVES, INLETS, ETC.) ARE FOR PRESENTATION PURPOSES ONLY AND ARE NOT TO SCALE. CONTRACTOR SHALL COORDINATE FINAL SIZE AND LOCATIONS WITH APPROPRIATE CITY INSPECTOR.

29. THE SCOPE OF WORK FOR THE CIVIL IMPROVEMENTS SHOWN ON THESE PLANS TERMINATES 8-FEET FROM THE BUILDING. REFERENCE THE BUILDING PLANS (E.G. ARCHITECTURAL, STRUCTURAL, MEP) FOR AREAS WITHIN 5- FEET OF THE BUILDING AND WITHIN THE BUILDING FOOTPRINT.

30. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR ALL FINAL BUILDING DIMENSIONS.

31. THE PROPOSED BUILDING FOOTPRINTS SHOWN IN THESE PLANS WERE PROVIDED TO KIMLEY-HORN AND ASSOCIATES, INC. (KH) BY THE PROJECT ARCHITECT AT THE TIME THESE PLANS WERE PREPARED. IT MAY NOT BE THE FINAL FOOTPRINT BECAUSE THE BUILDING DESIGN WAS ONGOING. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONFIRMING THE FINAL CORRECT VERSION OF THE BUILDING FOOTPRINT WITH THE ARCHITECT AND STRUCTURAL ENGINEER PRIOR TO LAUNCH. DIMENSIONS AND/OR COORDINATES SHOWN ON THESE PLANS ARE BASED ON THE ABOVE STATED ARCHITECTURAL AND STRUCTURAL PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATION OF THE BUILDING. THE CONTRACTOR IS SOLELY RESPONSIBLE TO VERIFY WHAT PART OF THE BUILDING THE ARCHITECT'S FOOTPRINT REPRESENTS (E.G. SLAB, OUTSIDE WALL, MASONRY LEDGE, ETC.) AND TO CONFIRM ITS FINAL POSITION ON THE SITE BASED ON THE FINAL ARCHITECTURAL FOOTPRINT, CIVIL DIMENSION CONTROL PLAN, SURVEY BOUNDARY AND/OR PLAT. ANY DIFFERENCES FOUND SHALL BE REPORTED TO KH IMMEDIATELY.

32. ALL CONSTRUCTION SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING RECOMMENDED ADDENDA.

33. CONTRACTOR IS RESPONSIBLE FOR ALL MATERIALS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL MATERIALS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND COMPLY WITH CITY STANDARD SPECIFICATIONS AND GEOTECHNICAL REPORT. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING MATERIALS. OWNER SHALL APPROVE THE AGENCY INVOLVED BY THE CONTRACTOR FOR MATERIALS TESTING.

34. ALL COPIES OF MATERIALS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING AGENCY.

35. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE MATERIALS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS.

36. DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING.

37. ALL CONTRACTORS MUST CONFINE THEIR ACTIVITIES TO THE WORK AREA. NO ENCROACHMENTS OUTSIDE OF THE WORK AREA WILL BE ALLOWED. ANY DAMAGE RESULTING THEREFROM SHALL BE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR.

38. THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, UTILITIES, MANHOLES, POLES, GUY WIRES, VALVE COVERS, VAULT LIDS, FIRE HYDRANTS, CONVALENTS, CURBS AND ALL OTHER FACILITIES TO REMAIN AND SHALL REPAIR ANY DAMAGES AT NO COST TO THE OWNER.

39. THE CONTRACTOR SHALL IMMEDIATELY REPAIR OR REPLACE ANY PHYSICAL DAMAGE TO PRIVATE PROPERTY OR PUBLIC IMPROVEMENTS, INCLUDING BUT NOT LIMITED TO, FENCES, WALLS, PAVEMENT, CURBS, SIDEWALKS, GRASS, TREES, LANDSCAPING AND IRRIGATION SYSTEMS, ETC., TO ORIGINAL CONDITION OR BETTER AT NO COST TO THE OWNER.

40. ALL AREAS IN EXISTING RIGHT-OF-WAY DISTURBED BY SITE CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL CONDITION OR BETTER, INCLUDING AS NECESSARY GRADING, LANDSCAPING, CURBS AND ALL OTHER SURFACE MATERIALS THAT WILL CONTRIBUTE TO THE TOP OF FINISHED GRADE. FOR EXAMPLE, THE LIMITS OF EARTHWORK IN PAVED AREAS IS THE BOTTOM OF THE PAVEMENT SECTION.

41. NO REPRESENTATIONS OF EARTHWORK QUANTITIES OR SITE BALANCE ARE MADE BY THESE PLANS. THE CONTRACTOR SHALL PROVIDE THEIR OWN EARTHWORK CALCULATION TO DETERMINE THEIR CONTRACT QUANTITIES AND COST. ANY SIGNIFICANT VARIANCE FROM A BALANCED SITE SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CIVIL ENGINEER.

42. ALL GRADING AND EARTHWORK SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT ADDENDA.

43. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. USUABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE.

44. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF GRADING. THE CONTRACTOR SHALL OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

45. BEFORE ANY EARTHWORK IS PERFORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF THE PROJECT'S PROPERTY LINE AND SITE IMPROVEMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE CONTROL POINTS RELATED TO EARTHWORK.

46. CONTRACTOR TO DISPOSE OF ALL EXCESS EXCAVATION MATERIALS IN A MANNER THAT ADHERES TO LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. THE CONTRACTOR SHALL KEEP A RECORD OF WHERE EXCESS EXCAVATION WAS DISPOSED, ALONG WITH THE RECEIVING LANDOWNER'S APPROVAL, TO DO SO.

47. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF TOPSOIL AT THE COMPLETION OF FINE GRADING. CONTRACTOR SHALL REFER TO LANDSCAPE ARCHITECTURE PLANS FOR SPECIFICATIONS AND REQUIREMENTS FOR TOPSOIL.

48. CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES.

49. NO EARTHWORK FILL SHALL BE PLACED IN ANY EXISTING DRAINAGE WAY, SWALE, CHANNEL, DITCH, CREEK, OR FLOODPLAIN FOR ANY REASON OR ANY LENGTH OF TIME. UNLESS OTHERWISE SPECIFIED, ALL FILL SHALL BE 100% FILL AS REQUIRED.

50. TEMPORARY CULVERTS MAY BE REQUIRED IN SOME LOCATIONS TO CONVEY RUN-OFF.

51. REFER TO DIMENSION CONTROL PLAN, AND PLAT FOR HORIZONTAL DIMENSIONS.

52. THE CONTRACTOR SHALL CLEAR AND PLACE, COMPACT AND FINISH, UNDER ALL CONDITIONS, FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.

53. CONTRACTOR IS RESPONSIBLE FOR ALL SOLS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL SOLS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND SHALL COMPLY WITH CITY STANDARD SPECIFICATIONS AND THE GEOTECHNICAL REPORT. SOLS TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING SOLS. THE OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR SOLS TESTING.

21. ALL COPIES OF SOLS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING AGENCY.

22. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE SOLS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS.

23. THE SCOPE OF WORK FOR CIVIL IMPROVEMENT SHOWN ON THESE PLANS TERMINATES 8- FEET FROM THE BUILDING. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT AND STRUCTURAL PLANS AND SPECIFICATIONS FILL, CONDITIONING, AND PREPARATION IN THE BUILDING PLANS.

24. DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING.

25. CONTRACTOR SHALL ENSURE THAT SUFFICIENT POSITIVE SLOPE AWAY FROM THE BUILDING PAD IS ACHIEVED FOR ENTIRE PERIMETER OF THE PROPOSED BUILDING UNDER ALL CONDITIONS AND IN THE FINAL CONDITION. IF THE CONTRACTOR OBSERVES THAT THIS WILL NOT BE ACHIEVED, THE CONTRACTOR SHALL CONTACT THE ENGINEER TO REVIEW THE LOCATION.

26. THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING WATER OR BY OTHER MEANS APPROVED BY THE CITY. AT NO ADDITIONAL COST TO THE CONTRACTOR.

27. CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS NEEDED FOR GRADING OPERATIONS AND TO ACCOMMODATE PROPOSED GRADE, INCLUDING THE UNKNOWN UTILITIES NOT SHOWN ON THESE PLANS. CONTRACTOR SHALL REFER TO THE GENERAL NOTES "OVERALL" SECTION THESE PLANS FOR ADDITIONAL INFORMATION.

28. EXISTING TREE LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES FOUND IN THE FIELD THAT AFFECT THE GRADING PLAN TO THE CIVIL ENGINEER.

29. CONTRACTOR SHALL FIELD VERIFY ALL PROTECTED TREE LOCATIONS, INDIVIDUAL PROTECTED TREE CRITICAL ROOT ZONES, AND PROPOSED SITE GRADUI, AND NOTIFY THE CIVIL ENGINEER AND LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH THE TREE PROTECTION MEASURES SHOWN ON THESE PLANS.

30. TREE PROTECTION MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY STANDARD TREE PROTECTION DETAILS AND THE

EFFECTIVELY CONTROL EROSION AND PREVENT SEDIMENTATION FROM WASHING OFF THE SITE, THEN THE CONTRACTOR SHALL NOTIFY THE ENGINEER.

11. OFF-SITE SOIL BORROW, SPILL, AND STORAGE AREAS (IF APPLICABLE) ARE CONSIDERED AS PART OF THE PROJECT SITE AND MUST ALL BE FULLY COMPLY WITH THE PROJECT. THIS INCLUDES THE INSTALLATION OF BIRPS TO CONTROL EROSION AND SEDIMENTATION AND THE ESTABLISHMENT OF PERMANENT GROUND COVER ON DISTURBED AREAS PRIOR TO FINAL APPROVAL OF THE PROJECT. CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP AND EROSION CONTROL PLAN TO INCLUDE BIRPS FOR ANY OFF-SITE AREAS THAT ARE ANTICIPATED OR SHOWN ON THE EROSION CONTROL PLAN.

12. ALL STAKING, STOCKPILES, SPILL, OR OTHER AREAS TO BE LOCATED SUCH THAT THEY WILL NOT ADVERSELY AFFECT SURFACE WATER QUALITY. PROTECTIVE MEASURES SHALL BE PROVIDED IF NEEDED TO ACCOMPLISH THIS REQUIREMENT, SUCH AS COVERING OR ENCLOSING THE AREA WITH AN APPROPRIATE BARRIER.

13. CONTRACTORS SHALL INSPECT ALL DEVICES, BIRPS, DISTURBED AREAS, AND VEHICLE ENTRY AND EXIT AREAS WEEKLY AND WITHIN 24 HOURS OF ALL RAINFALL EVENTS OF 0.5 INCHES OR GREATER, AND KEEP A RECORD OF THIS INSPECTION IN THE SWPPP BOOKLET (IF APPLICABLE). TO VERIFY THAT THE DEVICES AND EROSION CONTROL PLAN ARE FUNCTIONING PROPERLY.

14. CONTRACTOR SHALL CONSTRUCT A DRAINAGE ENTRANCE AT ALL PRIVATE POINTS OF ACCESS IN ACCORDANCE WITH CITY SPECIFICATIONS. CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION TRAFFIC USES THE STABILIZED ENTRANCE AT ALL TIMES FOR ALL INGRESS/EGRESS.

15. SITE ENTRY AND EXITS SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING AND FLOWING OF SEDIMENT AND DIRT ONTO OFF-SITE ROADWAYS. ALL SEDIMENT AND DIRT FROM THE SITE THAT IS DEPOSITED ONTO AN OFF-SITE ROADWAY SHALL BE REMOVED IMMEDIATELY.

16. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ALL SILT AND DEBRIS FROM THE AFFECTED OFF-SITE ROADWAYS THAT ARE A RESULT OF THE CONSTRUCTION, AS REQUESTED BY OWNER AND CITY. AT A MINIMUM, THIS SHOULD OCCUR ONCE PER DAY FOR THE OFF-SITE ROADWAYS.

17. WHEN WASHING OF VEHICLES IS REQUIRED TO REMOVE SEDIMENT PRIOR TO EXITING THE SITE, IT SHALL BE DONE IN AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP BMP.

18. CONTRACTOR SHALL INSTALL A TEMPORARY SEDIMENT BASIN FOR ANY ON-SITE DRAINAGE AREAS THAT ARE GREATER THAN 10 ACRES, PER TCEQ AND CITY STANDARDS. IF NO ENGINEERING DESIGN HAS BEEN PROVIDED FOR A SEDIMENTATION BASIN ON THESE PLANS, THEN THE CONTRACTOR SHALL ARRANGE FOR AN APPROPRIATE DESIGN TO BE PROVIDED.

19. ALL FINES IMPOSED FOR SEDIMENT OR DIRT DISCHARGED FROM THE SITE SHALL BE PAID BY THE RESPONSIBLE CONTRACTOR.

20. WHEN SEDIMENT OR DIRT HAS CLOGGED THE CONSTRUCTION ENTRANCE TO THE SITE, THE DIRT IS BEING TRACKED ONTO A ROADWAY, THE AGGREGATE PAD MUST BE WASHED DOWN OR REPLACED. RUNOFF FROM THE WASH-DOWN OPERATION SHALL NOT BE ALLOWED TO DRAIN DIRECTLY OFF SITE WITHOUT FIRST FLOWING THROUGH ANOTHER BMP TO CONTROL SEDIMENTATION. PERIODIC RE-GRADING OR NEW STONE MAY BE REQUIRED TO MAINTAIN THE EFFECTIVENESS OF THE CONSTRUCTION ENTRANCE.

21. TEMPORARY EROSION OR OTHER PROTECTIVE MEASURES SHALL BE INITIATED WITHIN 72 HOURS OF THE LAST DISTURBANCE OF ANY AREA, UNLESS ADDITIONAL CONSTRUCTION IN THE AREA IS EXPECTED WITHIN 21 DAYS OF THE LAST DISTURBANCE.

22. CONTRACTOR SHALL FOLLOW GOOD HOUSEKEEPING PRACTICES DURING CONSTRUCTION, ALWAYS CLEANING UP DIRT, LOOSE MATERIAL, AND TRASH AS CONSTRUCTION PROGRESS.

23. UPON COMPLETION OF FINE GRADING, ALL SURFACES OF DISTURBED AREAS SHALL BE PERMANENTLY STABILIZED. STABILIZATION IS ACHIEVED WHEN THE AREA IS EITHER COVERED BY PERMANENT IMPEROVISED STRUCTURES, SUCH AS BUILDINGS, SIDEWALK, DRIVEWAY, OR A UNIFORM PERMANENT COVER.

24. AT THE CONCLUSION OF THE PROJECT, ALL INLETS, DRAIN PIPE, CHANNELS, DRAINAGEWAYS AND BORROW DITCHES AFFECTED BY THE CONSTRUCTION SHALL BE DREGDED, AND THE SEDIMENT GENERATED BY THE PROJECT SHALL BE REMOVED AND DISPOSED IN ACCORDANCE WITH APPLICABLE REGULATIONS.

**STORM WATER DISCHARGE AUTHORIZATION:**

1. CONTRACTOR SHALL COMPLY WITH TCEQ AND EPA STORM WATER POLLUTION PREVENTION REQUIREMENTS.

2. CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF THE TCEQ GENERAL PERMIT TO DISCHARGE UNDER THE TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM TXR 150000.

3. THE CONTRACTOR SHALL SUBMIT THE TCEQ GENERAL PERMIT TO TCEQ AT LEAST SEVEN DAYS PRIOR TO COMMENCING CONSTRUCTION (IF APPLICABLE), OR IF UTILIZING ELECTRONIC SUBMITTAL, PRIOR TO COMMENCING CONSTRUCTION, ALL PRIMARY OPERATORS SHALL PROVIDE A COPY OF THE SIGNED NOI TO THE OPERATOR OF ANY MS4 (TYPICALLY THE CITY) RECEIVING DISCHARGE FROM THE SITE.

4. CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMPLEMENTATION OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IF APPLICABLE, INCLUDING POSTING SITE NOTICE, INSPECTIONS, DOCUMENTATION, AND SUBMISSION OF ANY INFORMATION REQUIRED BY THE TCEQ AND EPA (E.G. NOI).

5. ALL CONTRACTORS AND SUBCONTRACTORS PROVIDING SERVICES RELATED TO THE SWPPP SHALL SIGN THE REQUIRED CONTRACTOR CERTIFICATION STATEMENT ACKNOWLEDGING THEIR RESPONSIBILITIES AS SPECIFIED IN THE SWPPP.

6. A COPY OF THE SWPPP, INCLUDING NOI SITE NOTICE, CONTRACTOR CERTIFICATIONS, AND ANY REVISIONS, SHALL BE SUBMITTED TO THE CITY BY THE CONTRACTOR AND SUBMITTED TO THE CITY INSPECTOR.

7. A NOTICE OF TERMINATION (NOT) SHALL BE SUBMITTED TO TCEQ BY ANY PRIMARY OPERATOR WITHIN 30 DAYS AFTER ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND A UNIFORM VEGETATIVE COVER HAS BEEN ESTABLISHED ON ALL UNPAVED AREAS AND AREAS NOT UNDER OPERATIONAL CONTROL HAS OCCURRED, OR THE OPERATOR HAS OBTAINED ALTERNATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOT SHALL BE PROVIDED TO THE OPERATOR OF ANY MS4 RECEIVING DISCHARGE FROM THE SITE.

**DEMOLITION:**

1. KH IS NOT RESPONSIBLE FOR THE MEANS AND METHODS EMPLOYED BY THE CONTRACTOR TO IMPLEMENT THIS DEMOLITION PLAN. THIS PLAN IS AN APPROXIMATE PLAN AND SIMPLY INDICATES THE KNOWN OBJECTS ON THE SUBJECT TRACT THAT ARE TO BE DEMOLISHED AND REMOVED FROM THE SITE.

2. KH DOES NOT WARRANT OR REPRESENT THAT THE PLAN, WHICH WAS PREPARED BASED ON SURVEY AND UTILITY INFORMATION PROVIDED BY OTHERS, SHOWS ALL IMPROVEMENTS AND UTILITIES. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES ACCURATELY, OR THAT THE UTILITIES SHOWN CAN BE REMOVED. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING HIS OWN SITE RECONNAISSANCE TO SCOPE ITS WORK AND TO CONFIRM WITH THE OWNERS OF IMPROVEMENTS AND UTILITIES THE ABILITY AND PROCESS FOR THE REMOVAL OF THESE UTILITIES.

3. THIS PLAN IS INTENDED TO GIVE A GENERAL GUIDE TO THE CONTRACTOR, NOTHING MORE. THE GOAL OF THE DEMOLITION IS TO LEAVE THE SITE IN A STATE SUITABLE FOR THE CONSTRUCTION OF THE PROPOSED DEVELOPMENT, REMOVAL OR PRESERVATION OF IMPROVEMENTS, UTILITIES, ETC. TO MEET THE REQUIREMENTS OF THE CITY OF THE CONTRACTOR.

4. CONTRACTOR IS CAUTIONED TO REVIEW THE FOLLOWING REPORTS DESCRIBING SITE CONDITIONS PRIOR TO BIDDING AND IMPLEMENTING THE DEMOLITION PLAN.

6. ENVIRONMENTAL SITE ASSESSMENT PROVIDED BY THE OWNER.

7. ASBESTOS BUILDING INSPECTION REPORTS PROVIDED BY THE OWNER.

8. GEOTECHNICAL REPORT PROVIDED BY THE OWNER.

9. OTHER REPORTS THAT ARE APPLICABLE AND AVAILABLE.

10. CONTRACTOR SHALL CONTACT THE OWNER TO DETERMINE WHETHER ADDITIONAL REPORTS OR AMENDMENTS TO THE ABOVE CITED REPORTS HAVE BEEN PREPARED AND TO OBTAIN/REVIEW/AND COMPLY WITH THE RECOMMENDATION OF SUCH STUDIES PRIOR TO STARTING ANY WORK ON THE SITE.

11. CONTRACTOR SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS REGARDING THE DEMOLITION OF OBJECTS ON THE SITE AND THE DISPOSAL OF THE DEMOLISHED MATERIALS OFF-SITE. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REVIEW THE SITE, DETERMINE THE APPLICABLE REGULATIONS, RECEIVE THE REQUIRED PERMITS AND AUTHORIZATIONS, AND COMPLY WITH ALL APPLICABLE REGULATIONS AND OPERATIONAL CONTROL HAS OCCURRED, OR THE OPERATOR HAS OBTAINED ALTERNATIVE AUTHORIZATION UNDER A DIFFERENT PERMIT. A COPY OF THE NOT SHALL BE PROVIDED TO THE OPERATOR OF ANY MS4 RECEIVING DISCHARGE FROM THE SITE.

6. SURFACE PAVEMENT INDICATED MAY OVERLAY OTHER HIDDEN STRUCTURES, SUCH AS ADDITIONAL LAYERS OF PAVEMENT, FOUNDATIONS OR WALLS, THAT ARE ALSO TO BE REMOVED.

**GRADING:**

1. THE CONTRACTOR AND GRADING SUBCONTRACTOR SHALL VERIFY THE SUITABILITY OF EXISTING AND PROPOSED SITE CONDITIONS INCLUDING GRADES AND DIMENSIONS BEFORE START OF CONSTRUCTION. THE CIVIL ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES.

2. CONTRACTOR SHALL OBTAIN ANY REQUIRED GRADING PERMITS FROM THE CITY.

3. UNLESS OTHERWISE NOTED, PROPOSED CONTOURS AND SPOT ELEVATIONS SHOWN IN PAVED AREA REFLECT TOP OF PAVEMENT SURFACE. IN LOCATIONS ALONG A CURB LINE, ADD 6-INCHES (OR THE HEIGHT OF THE CURB) TO THE PAVING GRADE FOR TOP OF CURB ELEVATION.

4. PROPOSED SPOT ELEVATIONS AND CONTOURS OUTSIDE THE PAVEMENT ARE TO TOP OF FINISHED GRADE.

5. PROPOSED CONTOURS ARE APPROXIMATE. PROPOSED SPOT ELEVATIONS AND DESIGNATED GRADE ARE TO BE USED IN CASE OF DISCREPANCY.

6. ALL FINISHED GRADES SHALL TRANSITION UNIFORMLY BETWEEN THE FINISHED ELEVATIONS SHOWN.

7. CONTOURS AND SPOT GRADES SHOWN ARE ELEVATIONS OF TOP OF THE FINISHED SURFACE. WHEN PERFORMING THE GRADING OPERATIONS, THE CONTRACTOR SHALL PROVIDE AN APPROPRIATE ELEVATION HOLD-DOWN ALLOWANCE FOR THE THICKNESS OF PAVEMENT, SIDEWALK, TOPSOIL, AND ALL OTHER SURFACE MATERIALS THAT WILL CONTRIBUTE TO THE TOP OF FINISHED GRADE. FOR EXAMPLE, THE LIMITS OF EARTHWORK IN PAVED AREAS IS THE BOTTOM OF THE PAVEMENT SECTION.

8. NO REPRESENTATIONS OF EARTHWORK QUANTITIES OR SITE BALANCE ARE MADE BY THESE PLANS. THE CONTRACTOR SHALL PROVIDE THEIR OWN EARTHWORK CALCULATION TO DETERMINE THEIR CONTRACT QUANTITIES AND COST. ANY SIGNIFICANT VARIANCE FROM A BALANCED SITE SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CIVIL ENGINEER.

9. ALL GRADING AND EARTHWORK SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING SUBSEQUENT ADDENDA.

10. ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED. USUABLE EXCAVATED MATERIAL AND ALL WASTE RESULTING FROM SITE CLEARING AND GRUBBING SHALL BE REMOVED FROM THE SITE AND APPROPRIATELY DISPOSED BY THE CONTRACTOR AT NO ADDITIONAL EXPENSE.

11. EROSION CONTROL DEVICES SHOWN ON THE EROSION CONTROL PLAN FOR THE PROJECT SHALL BE INSTALLED PRIOR TO THE START OF GRADING. THE CONTRACTOR SHALL OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

12. BEFORE ANY EARTHWORK IS PERFORMED, THE CONTRACTOR SHALL STAKE OUT AND MARK THE LIMITS OF THE PROJECT'S PROPERTY LINE AND SITE IMPROVEMENTS. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY ENGINEERING AND SURVEYING FOR LINE AND GRADE CONTROL POINTS RELATED TO EARTHWORK.

13. CONTRACTOR TO DISPOSE OF ALL EXCESS EXCAVATION MATERIALS IN A MANNER THAT ADHERES TO LOCAL, STATE AND FEDERAL LAWS AND REGULATIONS. THE CONTRACTOR SHALL KEEP A RECORD OF WHERE EXCESS EXCAVATION WAS DISPOSED, ALONG WITH THE RECEIVING LANDOWNER'S APPROVAL, TO DO SO.

14. CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF TOPSOIL AT THE COMPLETION OF FINE GRADING. CONTRACTOR SHALL REFER TO LANDSCAPE ARCHITECTURE PLANS FOR SPECIFICATIONS AND REQUIREMENTS FOR TOPSOIL.

15. CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE DURING ALL PHASES OF CONSTRUCTION, INCLUDING MAINTAINING EXISTING DITCHES OR CULVERTS FREE OF OBSTRUCTIONS AT ALL TIMES.

16. NO EARTHWORK FILL SHALL BE PLACED IN ANY EXISTING DRAINAGE WAY, SWALE, CHANNEL, DITCH, CREEK, OR FLOODPLAIN FOR ANY REASON OR ANY LENGTH OF TIME. UNLESS OTHERWISE SPECIFIED, ALL FILL SHALL BE 100% FILL AS REQUIRED.

17. TEMPORARY CULVERTS MAY BE REQUIRED IN SOME LOCATIONS TO CONVEY RUN-OFF.

18. REFER TO DIMENSION CONTROL PLAN, AND PLAT FOR HORIZONTAL DIMENSIONS.

19. THE CONTRACTOR SHALL CLEAR AND PLACE, COMPACT AND FINISH, UNDER ALL CONDITIONS, FILL PER THE PROJECT GEOTECHNICAL ENGINEER'S SPECIFICATIONS. THE FILL MATERIAL TO BE USED SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACEMENT.

20. CONTRACTOR IS RESPONSIBLE FOR ALL SOLS TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL SOLS TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR AND SHALL COMPLY WITH CITY STANDARD SPECIFICATIONS AND THE GEOTECHNICAL REPORT. SOLS TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING SOLS. THE OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR SOLS TESTING.

21. ALL COPIES OF SOLS TEST RESULTS SHALL BE SENT TO THE OWNER, ENGINEER AND ARCHITECT DIRECTLY FROM THE TESTING AGENCY.

22. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE SOLS, THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS.

23. THE SCOPE OF WORK FOR CIVIL IMPROVEMENT SHOWN ON THESE PLANS TERMINATES 8- FEET FROM THE BUILDING. CONTRACTOR SHALL REFER TO THE GEOTECHNICAL REPORT AND STRUCTURAL PLANS AND SPECIFICATIONS FILL, CONDITIONING, AND PREPARATION IN THE BUILDING PLANS.

24. DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING.

25. CONTRACTOR SHALL ENSURE THAT SUFFICIENT POSITIVE SLOPE AWAY FROM THE BUILDING PAD IS ACHIEVED FOR ENTIRE PERIMETER OF THE PROPOSED BUILDING UNDER ALL CONDITIONS AND IN THE FINAL CONDITION. IF THE CONTRACTOR OBSERVES THAT THIS WILL NOT BE ACHIEVED, THE CONTRACTOR SHALL CONTACT THE ENGINEER TO REVIEW THE LOCATION.

26. THE CONTRACTOR SHALL TAKE ALL AVAILABLE PRECAUTIONS TO CONTROL DUST. CONTRACTOR SHALL CONTROL DUST BY SPRINKLING WATER OR BY OTHER MEANS APPROVED BY THE CITY. AT NO ADDITIONAL COST TO THE CONTRACTOR.

27. CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR ANY REQUIRED UTILITY ADJUSTMENTS AND/OR RELOCATIONS NEEDED FOR GRADING OPERATIONS AND TO ACCOMMODATE PROPOSED GRADE, INCLUDING THE UNKNOWN UTILITIES NOT SHOWN ON THESE PLANS. CONTRACTOR SHALL REFER TO THE GENERAL NOTES "OVERALL" SECTION THESE PLANS FOR ADDITIONAL INFORMATION.

28. EXISTING TREE LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL REPORT ANY DISCREPANCIES FOUND IN THE FIELD THAT AFFECT THE GRADING PLAN TO THE CIVIL ENGINEER.

29. CONTRACTOR SHALL FIELD VERIFY ALL PROTECTED TREE LOCATIONS, INDIVIDUAL PROTECTED TREE CRITICAL ROOT ZONES, AND PROPOSED SITE GRADUI, AND NOTIFY THE CIVIL ENGINEER AND LANDSCAPE ARCHITECT OF ANY CONFLICTS WITH THE TREE PROTECTION MEASURES SHOWN ON THESE PLANS.

30. TREE PROTECTION MEASURES SHALL BE INSTALLED IN ACCORDANCE WITH THE CITY STANDARD TREE PROTECTION DETAILS AND THE

APPROVED TREE PRESERVATION PLANS BY THE LANDSCAPE ARCHITECT.

31. CONTRACTOR SHALL REFER TO THE LANDSCAPING AND TREE PRESERVATIONS PLANS FOR ALL INFORMATION AND DETAILS REGARDING EXISTING TREES TO BE REMOVED AND PRESERVED.

32. NO TREE SHALL BE REMOVED UNLESS THE PERMIT HAS BEEN ISSUED BY THE CITY, OR CITY HAS OTHERWISE CONFIRMED IN WRITING THAT ONE IS NOT NEEDED FOR THE TREE(S).

33. NO TREE SHALL BE REMOVED OR DAMAGED WITHOUT PRIOR AUTHORIZATION OF THE OWNER OR OWNER'S REPRESENTATIVE.

34. EXISTING TREES SHALL BE PRESERVED UNLESS THERE IS AN UNAVOIDABLE AND GRADING IMPACT TO THEM HELD TO A MINIMUM.

35. AFTER PLACEMENT OF SUBGRADE AND PRIOR TO PLACEMENT OF PAVEMENT, CONTRACTOR SHALL TEST AND OBSERVE PAVEMENT AREAS FOR EVIDENCE OF PONDING AND INADEQUATE SLOPE FOR DRAINAGE. ALL AREAS SHALL ADEQUATELY DRAIN TOWARDS THE INTENDED STRUCTURE TO AVOID WATER RUNOFF. CONTRACTOR SHALL IMMEDIATELY NOTIFY OWNER AND ENGINEER IF ANY AREAS OF POOR DRAINAGE ARE DISCOVERED.

36. CONTRACTOR FIELD ADJUSTMENT OF PROPOSED SPOT GRADES IS ALLOWED, IF THE APPROVAL OF THE CIVIL ENGINEER IS OBTAINED.

**PAVING:**

1. ALL PAVING MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THESE PLANS, THE CITY STANDARD DETAIL AND SPECIFICATIONS, THE FINAL GEOTECHNICAL REPORT AND ALL ISSUED ADDENDA, AND COMMONLY ACCEPTED CONSTRUCTION STANDARDS. THE CITY SPECIFICATIONS SHALL GOVERN WHERE OTHER SPECIFICATIONS DO NOT EXIST. IN CASE OF CONFLICTING SPECIFICATIONS OR DETAILS, THE MORE RESTRICTIVE SPECIFICATION/DETAIL SHALL BE FOLLOWED.

2. ALL PRIVATE ON-SITE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH THE PROJECT'S FINAL GEOTECHNICAL REPORT (OR LATEST EDITION), INCLUDING ALL ADDENDA.

3. ALL FRELANE PAVING AND PAVING SUBGRADE SHALL COMPLY WITH CITY STANDARDS AND DETAILS. IF THERE ARE DIFFERENCES THAN THOSE IN THE GEOTECHNICAL REPORT, THEN THE MORE RESTRICTIVE SHALL BE FOLLOWED.

4. ALL PUBLIC PAVING AND PAVING SUBGRADE SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS.

5. CONTRACTOR IS RESPONSIBLE FOR ALL PAVING AND PAVING SUBGRADE TESTING AND CERTIFICATION, UNLESS SPECIFIED OTHERWISE BY OWNER. ALL PAVING AND PAVING SUBGRADE TESTING SHALL BE COORDINATED WITH THE APPROPRIATE CITY INSPECTOR.

6. TESTING SHALL BE PERFORMED BY AN APPROVED INDEPENDENT AGENCY FOR TESTING PAVING AND SUBGRADE. OWNER SHALL APPROVE THE AGENCY NOMINATED BY THE CONTRACTOR FOR PAVING AND PAVING SUBGRADE TESTING.

7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO SHOW, BY THE STANDARD TESTING PROCEDURES OF THE PAVING AND PAVING SUBGRADE THAT THE WORK CONSTRUCTED MEETS THE PROJECT REQUIREMENTS AND CITY SPECIFICATIONS.

7. DUE TO THE POTENTIAL FOR DIFFERENTIAL SOIL MOVEMENT ADJACENT TO THE BUILDING, THE CONTRACTOR SHALL ADHERE TO GEOTECHNICAL REPORT'S RECOMMENDATION FOR SUBGRADE PREPARATION SPECIFIC TO FLATWORK ADJACENT TO THE PROPOSED BUILDING. THE OWNER AND CONTRACTOR ARE ADVISED TO OBTAIN A GEOTECHNICAL ENGINEER RECOMMENDATION SPECIFIC TO FLATWORK ADJACENT TO THE BUILDING, IF NONE IS CURRENTLY EXISTING.

8. CURB RAMPS ALONG PUBLIC STREETS AND IN THE PUBLIC RIGHT-OF-WAY SHALL BE CONSTRUCTED BASED ON THE CITY STANDARD CONSTRUCTION DETAIL AND SPECIFICATIONS.

9. PRIVATE CURB RAMPS ON THE SITE (I.E. OUTSIDE PUBLIC STREET RIGHT-OF-WAY) SHALL CONFORM TO ADA AND T&S STANDARDS AND SHALL HAVE A DETECTABLE WARNING SURFACE THAT IS FULL WIDTH AND FULL DEPTH OF THE CURB RAMP, NOT INCLUDING FLARES.

10. ALL ACCESSIBLE RAMPS, CURB RAMPS, STRIPPINGS, AND PAVEMENT MARKINGS SHALL CONFORM TO ADA AND T&S STANDARDS, LATEST EDITION.

11. ANY COMPONENTS OF THE PROJECT SUBJECT TO RESIDENTIAL USE SHALL ALSO CONFORM TO THE FAIR HOUSING ACT, AND ALSO COMPLY WITH THE FAIR HOUSING ACT DESIGN MANUAL, BY THE US DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT.

12. CONTRACTOR SHALL CONSTRUCT PROPOSED PAVEMENT TO MATCH EXISTING PAVEMENT WITH A SMOOTH, FLUSH, CONNECTION.

13. CONTRACTOR SHALL FURNISH AND INSTALL ALL PAVEMENT MARKINGS FOR FIRE LANES, PARKING STALLS, HANDICAPPED PARKING SYMBOLS, AND MISCELLANEOUS STRIPING WITH PARKING LOT AND AROUND BUILDING AS SHOWN ON THE PLANS. ALL PAINT AND PAVEMENT MARKINGS SHALL BE PERFORMED BY BAR CHAIRS.

14. REFER TO GEOTECHNICAL REPORT FOR PAVING JOINT LAYOUT PLAN REQUIREMENTS FOR PRIVATE PAVEMENT.

15. REFER TO CITY STANDARD DETAILS AND SPECIFICATIONS FOR JOINT LAYOUT PLAN REQUIREMENTS FOR PUBLIC PAVEMENT.

16. ALL WYE CONNECTIONS AND FITTINGS SHALL BE PERFORMED IN ACCORDANCE WITH CITY STANDARD SPECIFICATIONS, AND SHALL BE SUPPORTED BY BAR CHAIRS. CONTRACTOR SHALL USE THE MORE STRINGENT OF THE CITY AND GEOTECHNICAL STANDARDS.

17. ALL JOINTS SHALL EXTEND THROUGH THE CURB.

18. THE MINIMUM LENGTH OF JOINTS SHALL BE 2 FEET.

19. CONTRACTOR SHALL SUBMIT A JOINTING PLAN TO THE ENGINEER AND OWNER PRIOR TO BEGINNING ANY OF THE PAVING WORK.

20. ALL SAWCUTS SHALL BE FULL DEPTH FOR PAVEMENT REMOVAL AND CONNECTION TO EXISTING PAVEMENT.

21. FIRE LANES SHALL BE MARKED AND FINISHED IN ACCORDANCE WITH CITY STANDARDS.

22. UNLESS THE PLANS SPECIFICALLY DICTATE TO THE CONTRARY, ON-SITE AND OTHER DIRECTIONAL SIGNS SHALL BE ORIENTED SO THEY ARE READILY VISIBLE TO THE ONCOMING TRAFFIC FOR WHICH THEY ARE INTENDED.

23. CONTRACTOR IS RESPONSIBLE FOR INSTALLING NECESSARY CONDUIT FOR LIGHTING, IRRIGATION, ETC. PRIOR TO PLACEMENT OF PAVEMENT. ALL CONSTRUCTION DOCUMENTS (CIVIL, MEP, LANDSCAPE, IRRIGATION, AND ARCHITECT) SHALL BE CONSULTED.

24. BEFORE PLACING PAVEMENT, CONTRACTOR SHALL VERIFY THAT SUITABLE ACCESSIBLE PEDESTRIAN ROUTES (PER ADA, T&S, AND FHA) EXIST TO AND FROM EXCESS DOCKING SPACES, ACCESSIBLE PARKING SPACES, ACCESSIBLE AND ACCESSIBLE ROUTES. IN NO CASE SHALL ACCESSIBLE RAMP SLOPE EXCEED 1 VERTICAL TO 12 HORIZONTAL. IN NO CASE SHALL SIDEWALK CROSS SLOPE EXCEED 2.0 PERCENT. IN NO CASE SHALL LONGITUDINAL SIDEWALK SLOPE EXCEED 5.0 PERCENT. ACCESSIBLE PARKING SPACES AND ACCESSIBLE SHALL NOT EXCEED 2.0 PERCENT SLOPE IN ANY DIRECTION.

25. CONTRACTOR SHALL TAKE FIELD MEASUREMENTS ON FINISHED GRADE AND FORM BOARDS PRIOR TO PLACING PAVEMENT TO VERIFY THAT ADAPTS SLOPE REQUIREMENTS ARE PROVIDED. CONTRACTOR SHALL CONTACT ENGINEER PRIOR TO PAVING IF ANY EXCESSIVE SLOPES ARE ENCOUNTERED. NO CONTRACTOR CHANGE ORDERS WILL BE ACCEPTED FOR ADA AND T&S SLOPE COMPLIANCE ISSUES.

**STORM DRAINAGE:**

1. ALL STORM SEWER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS.

2. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE STORM SEWER.

3. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING STORM SEWER FACILITIES THAT ARE TO BE CONNECTED TO, PRIOR TO START OF CONSTRUCTION OF ANY STORM SEWER, AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED.

4. THE CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF CURB INLETS AND GRATE INLETS AND ALL UTILITIES CROSSING THE STORM SEWER.

5. FLOW LINE, TOP-OF-CURB, RISE, AND ELEVATIONS OF PROPOSED INLETS SHALL BE VERIFIED WITH THE GRADING PLAN AND FIELD CONDITIONS PRIOR TO THEIR INSTALLATION.

6. ALL PUBLIC STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO CITY PUBLIC WORKS STANDARD DETAILS AND SPECIFICATIONS AND ALL STORM PIPE CONNECTIONS REQUIRED CITY INSPECTIONS.

7. ALL PRIVATE STORM SEWER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.

8. ALL PVC OR HP/TO RCP CONNECTIONS AND ALL STORM PIPE CONNECTIONS OTHER THAN STORM SEWER SHALL BE WATER-TIGHT.

9. ALL PUBLIC STORM SEWER LINES SHALL BE MINIMUM CLASS III RCP. PRIVATE STORM SEWER LINES 21-INCHES AND GREATER SHALL BE CLASS II RCP OR OTHER APPROVED MATERIAL.

10. WHERE COVER EXCEEDS 2 FEET, CLASS IV RCP SHALL BE USED.

11. IF CONTRACTOR PROPOSES TO USE HOPE, HP, OR PVC IN LIEU OF RCP FOR PRIVATE STORM SEWER, CONTRACTOR SHALL SUBMIT TECHNICAL DATA TO THE OWNER, ENGINEER AND CITY ENGINEER/INSPECTOR FOR APPROVAL PRIOR TO ORDERING THE MATERIAL. ANY PROPOSED HOPE, HP, AND PVC SHALL BE WATER-TIGHT.

12. THE CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL STORM SEWER LINES.

13. EMBEDMENT FOR ALL STORM SEWER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS.

14. ALL WYE CONNECTIONS AND FITTINGS SHALL BE PRE-FABRICATED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.

15. USE 4 FOOT JOINTS WITH BEVELED ENDS IF RADIUS OF STORM SEWER IS LESS THAN 100 FEET.

16. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING AND SUBMITTING A TRENCH SAFETY PLAN, PREPARED BY A PROFESSIONAL ENGINEER IN THE STATE OF TEXAS, TO THE CITY PRIOR TO CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRENCH SAFETY REQUIREMENTS IN ACCORDANCE WITH CITY, STATE, AND FEDERAL REQUIREMENTS, INCLUDING OSHA FOR ALL TRENCHES. NO OPEN TRENCHES SHALL BE ALLOWED OVERNIGHT WITHOUT PRIOR WRITTEN APPROVAL OF THE CITY.

17. THE CONTRACTOR SHALL KEEP TRENCHES FREE FROM WATER.

**WATER AND WASTEWATER:**

1. ALL WATER AND WASTEWATER MATERIALS AND CONSTRUCTION SHALL COMPLY WITH CITY STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS.

2. CONTRACTOR SHALL FIELD VERIFY THE SIZE, CONDITION, HORIZONTAL, AND VERTICAL LOCATIONS OF ALL EXISTING WATER AND WASTEWATER FACILITIES THAT ARE TO BE CONNECTED TO, PRIOR TO START OF CONSTRUCTION OF ANY WATER OR WASTEWATER CONSTRUCTION, AND SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS DISCOVERED.

3. CONTRACTOR SHALL VERIFY AND COORDINATE ALL DIMENSIONS SHOWN, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITY SERVICES ENTERING THE BUILDING.

4. THE CONTRACTOR SHALL FIELD VERIFY THE ELEVATION OF ALL UTILITY CROSSINGS PRIOR TO THE INSTALLATION OF ANY PIPE.

5. THE SITE UTILITY CONTRACTOR SHALL PROVIDE ALL MATERIALS AND APPURTENANCES NECESSARY FOR COMPLETE INSTALLATION OF THE WATER AND WASTEWATER.

6. ALL PUBLIC WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO CITY PUBLIC WORKS STANDARD DETAILS AND SPECIFICATIONS. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.

7. ALL PRIVATE WATER AND WASTEWATER CONSTRUCTION, PIPE, STRUCTURES, AND FITTINGS SHALL ADHERE TO THE APPLICABLE PLUMBING CODE. CONTRACTOR SHALL ARRANGE FOR REQUIRED CITY INSPECTIONS.

8. FIRE SPRINKLER SHALL BE DESIGNED AND INSTALLED BY A LICENSED FIRE SPRINKLER CONTRACTOR, AND COMPLY TO THE APPLICABLE CODES THE INSPECTOR HAS REVIEWED AND APPROVED WITHOUT THE BENEFIT OF THE FIRE SPRINKLER DESIGN. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES.

9. EMBEDMENT FOR ALL WATER AND WASTEWATER LINES, PUBLIC OR PRIVATE, SHALL BE PER CITY STANDARD DETAILS.

10. CONTRACTOR SHALL TAKE REQUIRED SANITARY PRECAUTIONS, FOLLOWING ANY CITY, TCEQ, AND ANWA STANDARDS, TO KEEP WATER PIPE AND FITTINGS CLEAN AND CAPPED AT TIMES WHEN INSTALLATION IS NOT IN PROGRESS.

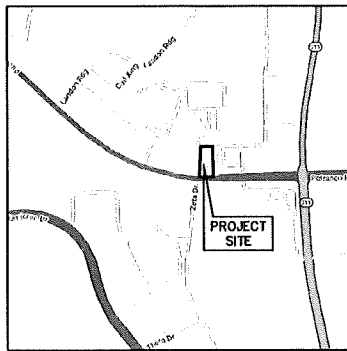
11. CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL WATER AND WASTEWATER LINES.

12. CONTRACTOR SHALL TAKE REQUIRED SANITARY PRECAUTIONS, FOLLOWING ANY CITY, TCEQ, AND ANWA STANDARDS, TO KEEP WATER PIPE AND FITTINGS CLEAN AND CAPPED AT TIMES WHEN INSTALLATION IS NOT IN PROGRESS.

13. CONTRACTOR SHALL PROVIDE CONSTRUCTION SURVEYING FOR ALL WATER AND WASTEWATER LINES.

14. CONTRACTOR SHALL COORDINATE WITH THE CITY FOR WATER AND WASTEWATER SERVICE DISRUPTION

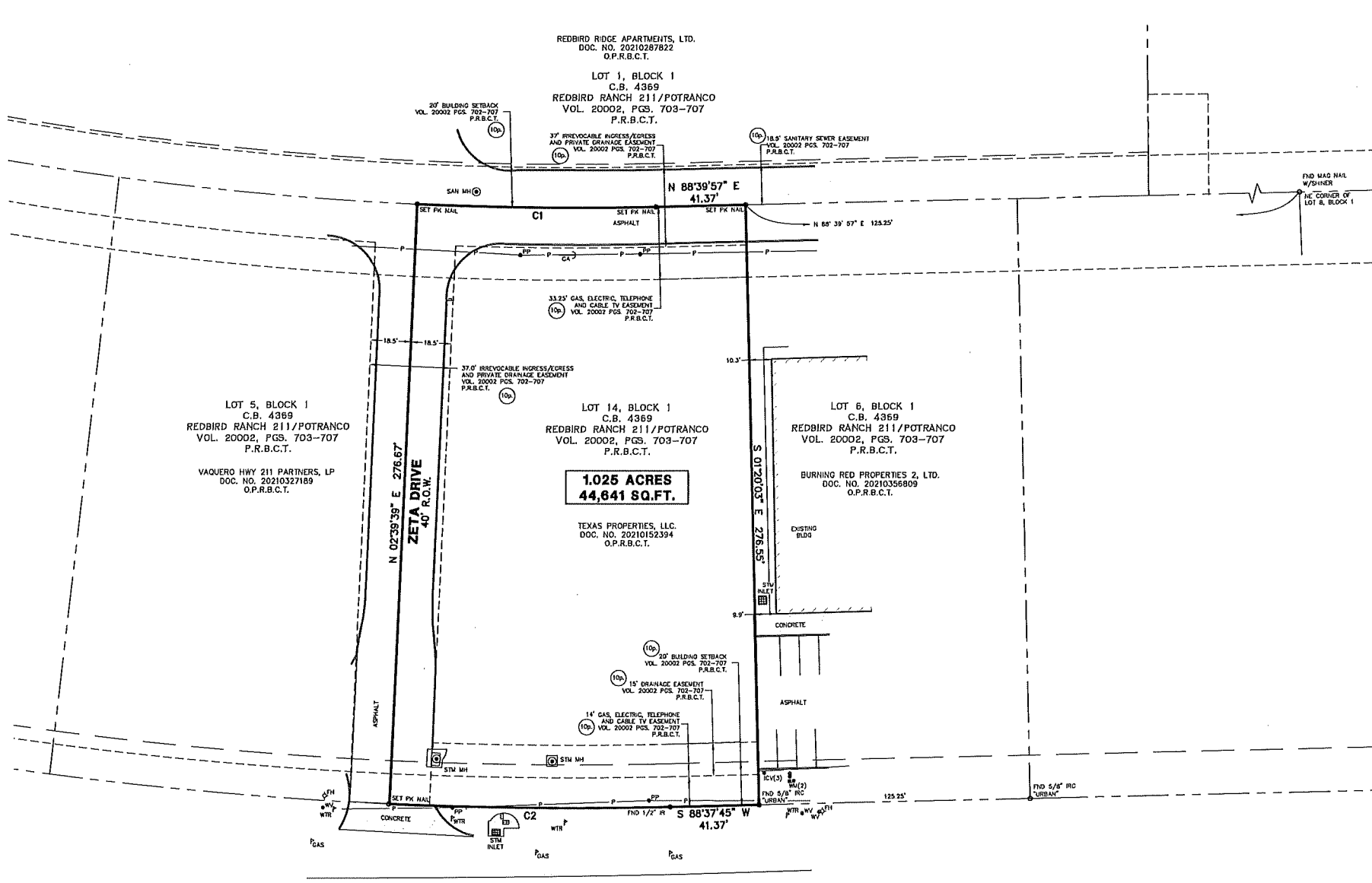




CITY OF SAN ANTONIO, BEXAR COUNTY, TEXAS  
VICINITY MAP  
SCALE: 1" = 2,000'

**SCHEDULE 'B' NOTES**

- THE FOLLOWING RESTRICTIVE COVENANTS OF RECORD ITEMIZED BELOW:  
DOCUMENT NUMBERS 2021015010, 2023009349, 20230109352, 20230137204 (BYLAWS), OFFICIAL PUBLIC RECORDS, BEXAR COUNTY, TEXAS.
- 10l. GROUNDWATER USAGE COVENANT AS DESCRIBED IN INSTRUMENT FILED JUNE 9, 2008 AND RECORDED IN VOLUME 13532, PAGE 1607, REAL PROPERTY RECORDS, BEXAR COUNTY, TEXAS. (AFFECTS SUBJECT TRACT, BLANKET IN NATURE)
  - 10m. UNRECORDED GRAZING LEASE DATED JULY 19, 2019, BY AND BETWEEN CONCHO REDBIRD DEVELOPMENT, LTD., A TEXAS LIMITED PARTNERSHIP AND ROY A. RUIZ, AN INDIVIDUAL (NOT PLOTTABLE)
  - 10n. NON-EXCLUSIVE WATER EASEMENT CREATED BY DECLARATION OF SANITARY SEWER, WATER AND STORM WATER DRAINAGE EASEMENT FILED JULY 19, 2019 AND RECORDED IN DOCUMENT NUMBER 2019013144, OFFICIAL PUBLIC RECORDS, BEXAR COUNTY, TEXAS. PARTIAL RELEASE RECORDED IN DOCUMENT NO. 20230085686, OFFICIAL PUBLIC RECORDS, BEXAR COUNTY, TEXAS. (DOES NOT AFFECT SUBJECT TRACT - RELEASED IN DOCUMENT NO. 20230085686)
  - 10o. UTILITY SERVICE AGREEMENT BY AND BETWEEN THE SAN ANTONIO WATER SYSTEM AND CONCHO REDBIRD DEVELOPMENT GROUP, LTD. AS DESCRIBED IN INSTRUMENT FILED APRIL 12, 2020 AND RECORDED IN DOCUMENT NUMBER 20200162137, OFFICIAL PUBLIC RECORDS, BEXAR COUNTY, TEXAS. (AFFECTS SUBJECT TRACT, BLANKET IN NATURE)
  - 10p. EASEMENT(S) FOR THE PURPOSE(S) SHOWN BELOW AND RIGHTS INCIDENTAL THERETO AS DELINEATED OR AS OFFERED FOR DEDICATION, ON THE MAP OF SAID TRACT/PLAT:  
PURPOSE:  
14' GAS, ELECTRIC, TELEPHONE AND CABLE TELEVISION EASEMENT  
37' IRREVOCABLE INGRESS/EGRESS AND PRIVATE DRAINAGE EASEMENT(S) DRAINAGE EASEMENT  
40' IRREVOCABLE INGRESS/EGRESS AND PRIVATE DRAINAGE EASEMENT  
33.25' GAS, ELECTRIC, TELEPHONE AND CABLE TELEVISION EASEMENT  
20' BUILDING SETBACK  
RECORDING NO. VOLUME 20002, PAGES 703-707, PLAT RECORDS, BEXAR COUNTY, TEXAS. (AFFECTS SUBJECT TRACT AS SHOWN HEREON)
  - 10q. NON-EXCLUSIVE ACCESS EASEMENT(S) CREATED BY RECIPROCAL CROSS-ACCESS EASEMENT AGREEMENT RECORDED APRIL 19, 2021 IN DOCUMENT NUMBER 20210102952, OFFICIAL PUBLIC RECORDS, BEXAR COUNTY, TEXAS AND FIRST SUPPLEMENT FILED DECEMBER 9, 2021 AND RECORDED IN DOCUMENT NUMBER 20210342115, OFFICIAL PUBLIC RECORDS, BEXAR COUNTY, TEXAS, AS MAY BE DEPICTED ON PLAT RECORDED IN VOLUME 20002, PAGES 703-707, PLAT RECORDS OF BEXAR COUNTY, TEXAS. (AFFECTS SUBJECT TRACT, BLANKET IN NATURE)
  - 10r. TERMS AND PROVISIONS STATED IN RECIPROCAL CROSS-ACCESS EASEMENT AGREEMENT RECORDED APRIL 19, 2021 IN DOCUMENT NUMBER 20210102952, OFFICIAL PUBLIC RECORDS, BEXAR COUNTY, TEXAS AND FIRST SUPPLEMENT FILED DECEMBER 9, 2021 AND RECORDED IN DOCUMENT NUMBER 20210342115, OFFICIAL PUBLIC RECORDS, BEXAR COUNTY, TEXAS, AS MAY BE DEPICTED ON PLAT RECORDED IN VOLUME 20002, PAGES 703-707, PLAT RECORDS OF BEXAR COUNTY, TEXAS. (TRACT 2) (AFFECTS SUBJECT TRACT, BLANKET IN NATURE)
  - 10s. ASSESSMENTS, CHARGES AND LIENS AS SET FORTH IN THE DOCUMENT ENTITLED: DECLARATION OF COVENANTS, RESTRICTIONS, EASEMENTS, CHARGES AND LIENS FOR REDBIRD RANCH COMMERCIAL RECORDING DATE: JUNE 3, 2021 RECORDING NO. DOCUMENT NUMBER 2021015010, OFFICIAL PUBLIC RECORDS, BEXAR COUNTY, TEXAS. (AFFECTS SUBJECT TRACT, BLANKET IN NATURE)



POTRANCO ROAD (FM 1957)  
VARIABLE WIDTH R.O.W.  
VOL. 20002 PGS. 702-707  
P.R.B.C.T.



**DESCRIPTION**

TRACT 1:  
LOT 14, BLOCK 1, REDBIRD RANCH 211/POTRANCO, AN ADDITION IN BEXAR COUNTY, TEXAS, ACCORDING TO THE PLAT THEREOF, RECORDED IN VOLUME 20002, PAGE 703-707, PLAT RECORDS, BEXAR COUNTY, TEXAS.

TRACT 2:  
NON-EXCLUSIVE ACCESS EASEMENT(S) CREATED BY RECIPROCAL CROSS-ACCESS EASEMENT AGREEMENT RECORDED APRIL 19, 2021 IN DOCUMENT NUMBER 20210102952, OFFICIAL PUBLIC RECORDS, BEXAR COUNTY, TEXAS AND FIRST SUPPLEMENT FILED DECEMBER 9, 2021 AND RECORDED IN DOCUMENT NUMBER 20210342115, OFFICIAL PUBLIC RECORDS, BEXAR COUNTY, TEXAS, AS MAY BE DEPICTED ON PLAT RECORDED IN VOLUME 20002, PAGES 703-707, PLAT RECORDS OF BEXAR COUNTY, TEXAS. (BLANKET IN NATURE)

**GENERAL NOTES**

1. SURVEYOR DID NOT ABSTRACT SUBJECT PROPERTY. THIS SURVEY WAS PREPARED WITH INFORMATION CONTAINED IN TITLE COMMITMENT OF NO. SCT-48-430012408291-RJ OF CHICAGO TITLE INSURANCE COMPANY, EFFECTIVE DATE OF APRIL 1, 2024, ISSUED DATE OF APRIL 10, 2024, AND IS SUBJECT TO THE LIMITATIONS OF THAT COMMITMENT.
2. BEARINGS WERE BASED ON THE TEXAS STATE PLANE COORDINATE SYSTEM, SOUTH CENTRAL ZONE (NAD 83). ALL DISTANCES SHOWN HEREON ARE SURFACE DISTANCES AND MAY BE BROUGHT TO GRID BY APPLYING THE FOLLOWING SCALE FACTOR: 0.99994400.
3. ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA), FLOOD INSURANCE RATE MAP (FIRM) FOR BEXAR COUNTY, TEXAS, MAP NO. 48020C045F REVISED/DATED SEPTEMBER 29, 2010, THE SUBJECT TRACT APPEARS TO LIE WITHIN UNSHADED ZONE "X". THIS DETERMINATION WAS DONE BY GRAPHIC PLOTTING AND IS APPROXIMATE ONLY, AND HAS NOT BEEN FIELD VERIFIED. THIS FLOOD STATEMENT DOES NOT IMPLY THAT THE PROPERTY OR STRUCTURES THEREON WILL BE FREE FROM FLOODING OR FLOOD DAMAGE, OR RARE OCCASIONS FLOODS CAN AND WILL OCCUR AND FLOOD HEIGHTS MAY BE INCREASED BY MAN-MADE OR NATURAL CAUSES. THIS FLOOD STATEMENT SHALL NOT CREATE LIABILITY ON THE PART OF WINDROSE LAND SERVICES.
4. READILY VISIBLE IMPROVEMENTS AND UTILITIES WERE LOCATED WITH THIS SURVEY. NO SUBSURFACE PROBING, EXCAVATION OR EXPLORATION WAS PERFORMED BY WINDROSE LAND SERVICES.
5. ENVIRONMENTAL AND DRAINAGE ISSUES ARE BEYOND THE SCOPE OF THIS SURVEY.
6. THE SQUARE FOOTAGE TOTALS SHOWN HEREON ARE BASED ON THE MATHEMATICAL CLOSURE OF THE COURSES AND DISTANCES REFLECTED ON THE SURVEY. IT DOES NOT INCLUDE THE TOLERANCES THAT MAY BE PRESENT DUE TO THE POSITIONAL ACCURACY OF THE BOUNDARY MONUMENTATION.
7. FENCES SHOWN HEREON WITH DIMENSIONAL TIES ARE SHOWN WHERE THEY ARE PHYSICALLY MEASURED. THE FENCE MAY MEANDER BETWEEN MEASURED LOCATIONS.
8. THE WORD "CERTIFY" OR "CERTIFICATE" AS SHOWN AND USED HEREON MEANS AN EXPRESSION OF PROFESSIONAL OPINION REGARDING THE FACTS OF THE SURVEY AND DOES NOT CONSTITUTE A WARRANTY OR GUARANTEE EXPRESSED OR IMPLIED.
9. NO UTILITY PLANS WERE RECEIVED AT TIME OF SURVEY. OTHER UTILITY PLANS OR INFORMATION MAY EXIST NOT KNOWN TO THIS COMPANY.

**SURVEYOR'S CERTIFICATION**

TO: BALANCED SITE DESIGN  
JULIEN FARMERS I, LLC.  
TEXAS PROPERTIES, LLC.

I DO HEREBY CERTIFY TO THE ABOVE LISTED THAT THIS SURVEY WAS THIS DAY MADE ON THE GROUND AND WAS PERFORMED UNDER MY SUPERVISION. THAT THIS PLAT CORRECTLY REPRESENTS THE PROPERTY LEGALLY DESCRIBED HEREON, THAT THE FACTS FOUND AT THE TIME OF THIS SURVEY SHOW THE IMPROVEMENTS AND THAT THERE ARE NO VISIBLE ENCROACHMENTS APPARENT ON THE GROUND, EXCEPT AS SHOWN. THIS SURVEY SUBSTANTIALLY CONFORMS TO THE CURRENT TEXAS SOCIETY OF PROFESSIONAL SURVEYORS STANDARDS AND SPECIFICATIONS FOR A CATEGORY 1A, CONDITION II SURVEY, TO THE BEST OF MY KNOWLEDGE.

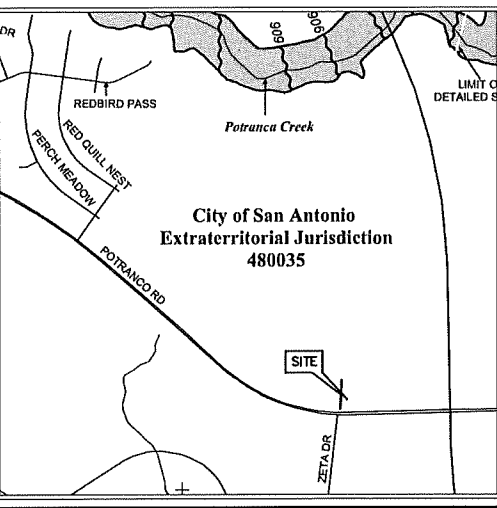


*Corey Campbell*

COREY CAMPBELL  
Registered Professional Land Surveyor  
Texas Registration No. 7076

5/10/2024  
DATE

**FLOOD INFORMATION (NOT TO SCALE)**



PANEL 0345F

**FIRM**  
FLOOD INSURANCE RATE MAP  
BEXAR COUNTY, TEXAS  
AND INCORPORATED AREAS  
PANEL 345 OF 785  
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTRACT NUMBER: 48029C  
SHEET NUMBER: 0345 OF 785  
BEXAR COUNTY

MAP NUMBER: 48029C0345F  
MAP REVISED: SEPTEMBER 29, 2010  
Federal Emergency Management Agency

**LEGEND**

\* SOME OF THESE ELEMENTS MAY NOT BE USED ON THIS SURVEY

BO - BOLLARD	PP - POWER POLE	UCS - UNDERGROUND CABLE SIGN	FND - FOUND
CH - HANDICAP	PP/T - POWER POLE WITH TRANSFORMER	CTL - CATHODIC TEST LEAD	O.P.R.B.C.T. - OFFICIAL PUBLIC RECORDS BEXAR COUNTY, TEXAS
CM - GAS METER	PP/CT - POWER POLE WITH CATHODIC TEST LEAD	CTM - CATHODIC TEST MARK	P.R.B.C.T. - PLAT RECORDS BEXAR COUNTY, TEXAS
CV - GAS VALVE	PP/CTI - POWER POLE WITH CATHODIC TEST LEAD AND IRON PIPE	CTL - CATHODIC TEST LEAD	O.P.R.B.C.T. - OFFICIAL PUBLIC RECORDS BEXAR COUNTY, TEXAS
CH - HANDICAP	PP/CTI - POWER POLE WITH CATHODIC TEST LEAD AND IRON PIPE	CTM - CATHODIC TEST MARK	P.R.B.C.T. - PLAT RECORDS BEXAR COUNTY, TEXAS
CH - HANDICAP	PP/CTI - POWER POLE WITH CATHODIC TEST LEAD AND IRON PIPE	CTM - CATHODIC TEST MARK	P.R.B.C.T. - PLAT RECORDS BEXAR COUNTY, TEXAS

**CURVE CHART**

CURVE	RADIUS	DELTA	LENGTH	BEARING	CHORD
C1	1,577.07	4'00.37"	110.39'	S 89°15'53" E	110.36'
C2	1,850.08	4'00.57"	129.67'	N 89°21'47" W	129.64'

**REVISIONS**

DATE	REASON	BY

**WINDROSE**  
LAND SURVEYING & PLATTING

1340 CORPORATE DRIVE, STE 102 | SEAMA, TX 78154 | 210.434.1545  
FIRM REGISTRATION NO. 10108600 | WINDROSESERVICES.COM

LAND TITLE SURVEY OF  
LOT 14, BLOCK 1, C.B. 4369  
REDBIRD RANCH 211/POTRANCO  
SITUATED IN THE  
JUAN P. TALAMANTES SURVEY NO. 300A  
ABSTRACT NO. 1030  
BEXAR COUNTY, TEXAS

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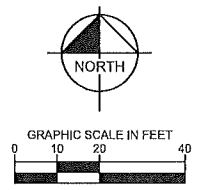
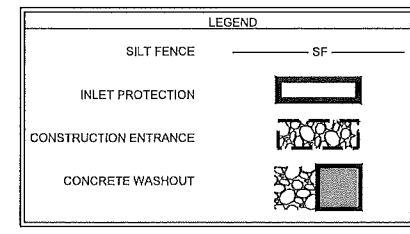
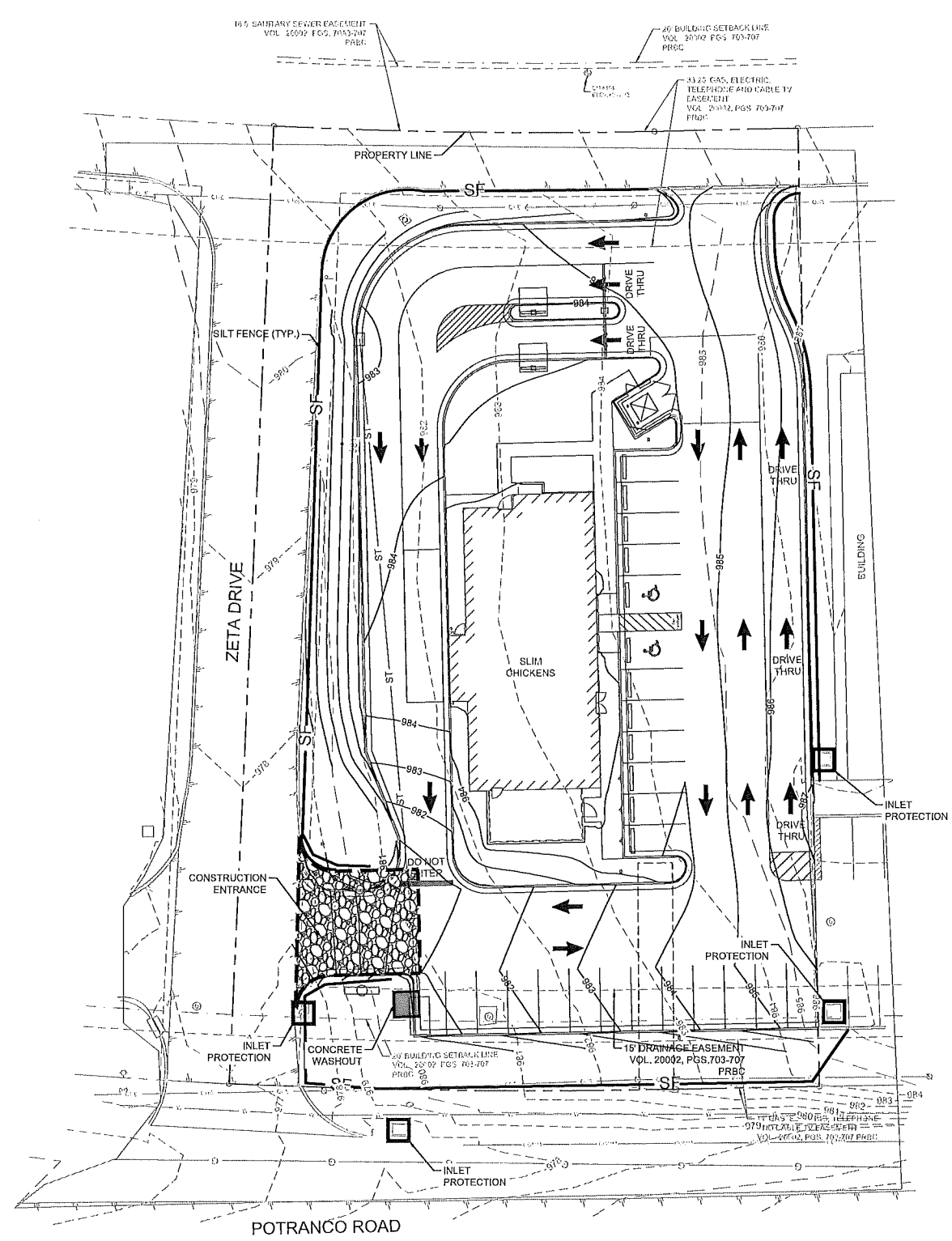
FILED BY: RG      CHECKED BY: CSC      JOB NO. 59646-CATIA  
DRAWN BY: RY      DATE: APRIL 2024      SHEET NO. 1 OF 1







Plotted By: Fairmehta, Ryan Date: November 14, 2024 01:31:54pm File Path: K:\vaks\_slm\060014800-slm\_chickens - san\_antonio\05\_CAD\plansheets\Erosion Control Plan.dwg  
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and approval by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



- EROSION CONTROL NOTES**
- CONTRACTOR IS SOLELY RESPONSIBLE FOR SELECTION, IMPLEMENTATION, MAINTENANCE, AND EFFECTIVENESS OF ALL SWPPP CONTROLS - CONTROLS SHOWN ON THIS SITE MAP ARE SUGGESTED CONTROLS ONLY.
  - CONTRACTOR SHALL RECORD INSTALLATION, MAINTENANCE OR MODIFICATION, AND REMOVAL DATES FOR EACH BMP EMPLOYED (WHETHER CALLED OUT ON ORIGINAL SWPPP OR NOT) DIRECTLY ON THIS SITE MAP.
  - DRAINAGE PATTERNS ARE SHOWN ON THIS PLAN BY PROPOSED AND EXISTING CONTOURS.
  - TEMPORARY AND PERMANENT STABILIZATION PRACTICES AND BMP'S SHALL BE INSTALLED AT THE EARLIEST POSSIBLE TIME DURING THE CONSTRUCTION SEQUENCE. AS AN EXAMPLE, PERIMETER SILT FENCE SHALL BE INSTALLED BEFORE COMMENCEMENT OF ANY GRADING ACTIVITIES. OTHER BMP'S SHALL BE INSTALLED AS SOON AS PRACTICABLE AND SHALL BE MAINTAINED UNTIL FINAL SITE STABILIZATION IS ATTAINED. CONTRACTOR SHALL ALSO REFERENCE CIVIL PLANS SINCE PERMANENT STABILIZATION IS PROVIDED BY LANDSCAPING AND SITE PAVING.
  - SANITARY SEWER EFFLUENT IS DISPOSED OF VIA AN ONSITE SEWER SYSTEM CONNECTED TO A MUNICIPAL SEWER SYSTEM.
  - CONTRACTOR TO PROVIDE INLET PROTECTION IN PUBLIC ROW ONLY DURING EARTH MOVING ACTIVITIES. CONTRACTOR TO ENSURE PONDING DOES NOT OCCUR IN PUBLIC ROW OR ON ADJACENT PROPERTIES AT ANY TIME DURING CONSTRUCTION.
  - CONTRACTOR SHALL PROVIDE INLET PROTECTION FOR ANY AFFECTED INLETS DOWNSTREAM OF THE PROPOSED IMPROVEMENTS, IF NEEDED.
  - POST CONSTRUCTION STORM WATER POLLUTION CONTROL MEASURES INCLUDE STABILIZATION BY PERMANENT PAVING AND LANDSCAPING. CONTRACTOR SHALL SO/SEED OR LANDSCAPE ALL DISTURBED AREAS WHICH ARE NOT PAVED. REFER TO LANDSCAPE PLANS.
  - CONTRACTOR IS RESPONSIBLE FOR MODIFYING THE SWPPP/SITE MAP TO INCLUDE BMP'S FOR ANY OFF-SITE MATERIAL WASTE, BORROW, OR EQUIPMENT STORAGE AREAS.

**SEQUENCE OF CONSTRUCTION**

NOTE: THE SEQUENCE OF CONSTRUCTION IS A GENERAL OVERVIEW AND IS INTENDED TO CONVEY THE GENERAL CONCEPTS OF THE EROSION CONTROL DESIGN AND SHOULD NOT BE RELIED UPON FOR CONSTRUCTION PURPOSES. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETAILED PHASING AND CONSTRUCTION SEQUENCING NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS INCLUDED IN THESE PLANS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING IMMEDIATELY, PRIOR TO AND/OR DURING CONSTRUCTION IF ANY ADDITIONAL INFORMATION ON THE CONSTRUCTION IS NECESSARY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR COMPLYING WITH THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND ALL OTHER APPLICABLE LAWS.

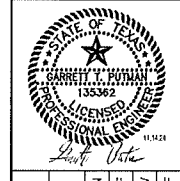
- BENCH MARK LIST**
- BM#100 - "X" CUT IN CONCRETE CURB SET APPROXIMATELY 460± FEET NORTHEAST FROM THE INTERSECTION OF THE EAST RIGHT-OF-WAY LINE OF ZETA DRIVE AND NORTH RIGHT-OF-WAY LINE OF POTRANCO ROAD AND BEING APPROXIMATELY 255± FEET NORTHWEST FROM A STORM DRAINAGE MANHOLE. ELEV. = 992.14'
- BM#101 - "X" CUT IN CONCRETE CURB SET APPROXIMATELY 310± FEET NORTHEAST FROM THE INTERSECTION OF THE EAST RIGHT-OF-WAY LINE OF ZETA DRIVE AND NORTH RIGHT-OF-WAY LINE OF POTRANCO ROAD AND BEING APPROXIMATELY 315± FEET NORTHEAST FROM A STORM DRAINAGE MANHOLE. ELEV. = 984.32'



NO.	REVISIONS	DATE	BY

**Kimley»Horn**

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KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
060014800	NOVEMBER 2024	AS SHOWN	RCF	SEW	RCF

SLIM CHICKENS  
 SAN ANTONIO

EROSION CONTROL PLAN

SHEET NUMBER  
 C-101







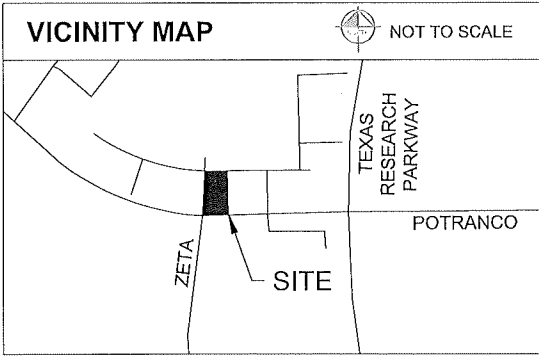






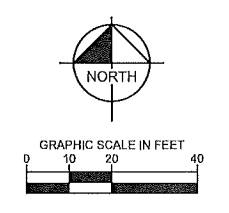
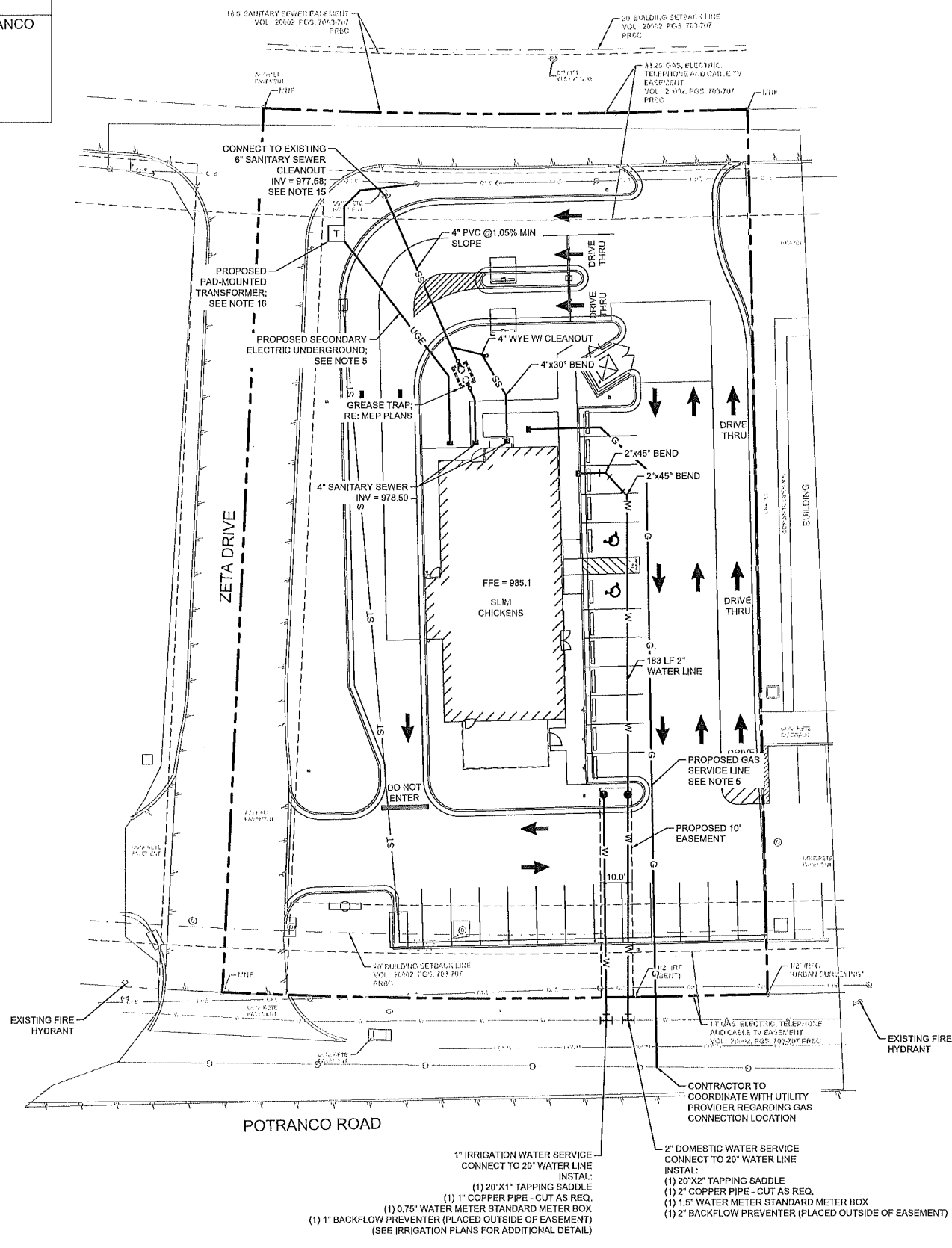


Plotted By: Fairclough, Ryan Date: November 14, 2024 01:33:13pm File Path: K:\proj\2024\01\060014800-slim chickens - san antonio\5-CAD\plan sheets\Utility Plan.dwg  
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**LEGAL DESCRIPTION:**

1.024 AC  
 LOT 14, BLOCK 1  
 REDBIRD RANCH  
 211/POTRANCO  
 CB 4369  
 DOC # 20210152394  
 OPRBC



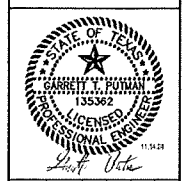
- UTILITY NOTES**
1. WATER MAINS CROSSING AND RUNNING PARALLEL TO GRAVITY SEWER LINES AND FORCE MAINS SHALL CONFORM TO THE SEPARATION AND CROSSING REQUIREMENTS OF TCEQ.
  2. ALL UTILITY SERVICE LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE PLUMBING CODE.
  3. TOPS OF EXISTING MANHOLES SHALL BE RAISED AS NECESSARY TO BE FLUSH WITH PROPOSED PAVEMENT ELEVATIONS OR TO BE 6-INCHES ABOVE THE FINISHED GRADE ELEVATIONS IN NON-PAVED AREAS.
  4. ALL UNDERGROUND LINES SHALL BE INSTALLED, INSPECTED, AND APPROVED BEFORE BACKFILLING. CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY INSPECTIONS, TESTING, AND/OR CERTIFICATIONS REQUIRED BY CODES AND/OR UTILITY SERVICE COMPANIES.
  5. CONTRACTOR SHALL COORDINATE WITH ALL PRIVATE UTILITY COMPANIES FOR INSTALLATION REQUIREMENTS, SPECIFICATIONS, AND SCHEDULING OF INSTALLATION.
  6. CONTRACTOR SHALL CONSTRUCT A CLAY PLUG (2' IN LENGTH) AT THE END OF ALL UTILITY TRENCHES DIRECTLY ADJACENT TO THE BUILDING.
  7. CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR TEMPORARY UTILITY SERVICES TO THE PROJECT SITE.
  8. REFER TO LANDSCAPE AND IRRIGATION PLANS FOR LOCATION OF LANDSCAPE IMPROVEMENTS AND IRRIGATION PIPING AND APPURTENANCES.
  9. REFER TO ELECTRICAL PLANS FOR SITE LIGHTING, ELECTRICAL SERVICE LINES, COMMUNICATIONS LINES, AND TRANSFORMER.
  10. SANITARY SEWER SERVICE PIPING SHALL BE 8DR 35' PVC TYPE PSM SEWER PIPE WITH BELL-AND-SPIGOT ENDS FOR GASKETED JOINTS IN ACCORDANCE WITH ASTM D 3034. FITTINGS SHALL BE PVC WITH BELL ENDS IN ACCORDANCE WITH ASTM D 3034. GASKETS SHALL BE ELASTOMERIC SEALS IN ACCORDANCE WITH ASTM F 477. INSTALL SANITARY SEWER SERVICE PIPING PER MANUFACTURER'S INSTRUCTIONS.
  11. DOMESTIC WATER LINES UNDER 4" IN SIZE SHALL BE PVC, SCHEDULE 40, IN ACCORDANCE WITH ASTM D 1785. FITTINGS SHALL BE PVC (SOCKET TYPE), SCHEDULE 40, IN ACCORDANCE WITH ASTM D 2466. SOLVENT CEMENT SHALL BE IN ACCORDANCE WITH ASTM D 2564 (PRIMER IN ACCORDANCE WITH ASTM F 656). INSTALL WATER SERVICE PIPING PER MANUFACTURER'S INSTRUCTIONS.
  12. THE SIZE OF THE FIRE SUPPRESSION LINE SHOWN ON THESE PLANS IS PRELIMINARY. THE CONTRACTOR SHALL COORDINATE THE FINAL SIZE OF THE FIRE SUPPRESSION LINE WITH THE FINAL DESIGN OF THE FIRE SPRINKLER SYSTEM AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
  13. ALL CONSTRUCTION AND MATERIALS FOR WATER LINES 4" IN SIZE AND LARGER SHALL BE IN ACCORDANCE WITH CITY STANDARD DETAILS AND SPECIFICATIONS.
  14. DETECTABLE WARNING TAPE SHALL BE LOCATED ABOVE ALL PRIVATE SANITARY SEWER, WATER, ELECTRIC, GAS, AND COMMUNICATIONS LINES. DETECTABLE WARNING TAPE SHALL BE 12-INCHES BELOW FINISHED GRADE OR 6-INCHES BELOW TOP OF PAVEMENT SUBGRADE.
  15. CONTRACTOR SHALL VERIFY ALL HORIZONTAL AND VERTICAL ELEVATIONS OF EXISTING UTILITIES PRIOR TO INSTALLING ALL UNDERGROUND UTILITIES. SHOULD ANY CONFLICTS ARISE, CONTRACTOR SHALL SUBMIT AN RFI TO ENGINEER OF RECORD.
  16. CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDER REGARDING TRANSFORMER, UNDERGROUND ELECTRIC, AND CABLE SERVICE INSTALLATION.
  17. CONTRACTOR SHALL COORDINATE THE EXACT BUILDING ENTRY LOCATIONS AND DEPTHS WITH MEP PLANS. PRIOR TO BEGINNING CONSTRUCTION, SHOULD ANY CONFLICTS ARISE, CONTRACTOR SHALL SUBMIT AN RFI TO ENGINEER OF RECORD FOR CLARIFICATION.



NO.	REVISIONS	DATE	BY

**Kimley»Horn**

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KHA PROJECT	DATE	SCALE	DESIGNED BY	DRAWN BY	CHECKED BY
06014800	NOVEMBER 2024	AS SHOWN	RCF	SEV	RCF

**SLIM CHICKENS  
 SAN ANTONIO**

**UTILITY PLAN**

SHEET NUMBER  
**C-400**



**DESIGN CRITERIA**

- THE STRUCTURAL DESIGN IS BASED ON THE DESIGN REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, 2021 EDITION.
- ROOF DESIGN LOADS
 

LIVE LOAD		
TOP CHORD	20	PSF
BOTTOM CHORD	10	PSF
DEAD LOADS		
TOP CHORD		
ROOF MEMBRANE	1	PSF
PLYWOOD	3	PSF
RIGID INSULATION	3	PSF
TRUSSES AND BRIDGING	5	PSF
MISC	3	PSF
TOTAL DEAD LOAD	15	PSF
BOTTOM CHORD		
MECHANICAL, ELECTRICAL AND PLUMBING	5	PSF
FIRE PROTECTION	2	PSF
CEILING	2	PSF
MISC	1	PSF
TOTAL DEAD LOAD	10	PSF
SNOW LOADS AND COEFFICIENTS - FLAT ROOF		
SNOW EXPOSURE FACTOR	1.0	
GROUND SNOW	5.0	PSF
ROOF SNOW	5.0	PSF
THERMAL FACTOR	1.0	
SNOW LOADS AND COEFFICIENTS - SLOPED PATIO		
SNOW EXPOSURE FACTOR	1.0	
GROUND SNOW	5.0	PSF
ROOF SNOW	3.75	PSF
IMPORTANCE FACTOR	1.0	
THERMAL FACTOR	1.2	
- LATERAL LOADS
 

WIND LOADS AND COEFFICIENTS		
ULTIMATE DESIGN WIND VELOCITY	108	MPH
NOMINAL DESIGN WIND VELOCITY	84	MPH
EXPOSURE	C	
WIDTH OF EDGE ZONE	4'-2"	
RISK CATEGORY	II	
INTERNAL PRESSURE COEFFICIENT	±0.18	
DESIGN WIND PRESSURES (ULTIMATE)		
MWFRS		
WALLS	24.5	PSF
PARAPET	28.0	PSF
COMPONENTS & CLADDING		
WALLS		
TRIBUTARY AREA ≤ 10 FT²		
INTERIOR ZONE	26.4	PSF
EXTERIOR ZONE	35.2	PSF
TRIBUTARY AREA ≥ 600 FT²		
INTERIOR ZONE	20.0	PSF
EXTERIOR ZONE	22.0	PSF
ROOF UPLIFT		
	RE: 3/8001	
SEISMIC DESIGN		
Ie	1.0	
Ss	0.050	
S1	0.025	
S2	0.025	
S3	0.054	
S4	0.040	
SEISMIC DESIGN CATEGORY	A	
BASIC SEISMIC FORCE RESISTING SYSTEM:		
FRAMED WALLS SHEATHED WITH WOOD SHEAR PANELS RATED FOR SHEAR RESISTANCE		
BUILDING AND OTHER STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY "A" NEED NOT COMPLY WITH ASCE 7 CHAPTER 11 AND 12 AND NEED ONLY COMPLY WITH REQUIREMENTS OF ASCE 7 SECTION 1.4.		

**GENERAL NOTES:**

- CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE TEMPORARY SUPPORT AND STABILITY OF STRUCTURE DURING ALL PHASES OF CONSTRUCTION.
- COORDINATE ALL DIMENSIONS WITH FLOOR PLAN; NOTIFY THE ARCHITECT/ENGINEER OF ANY CONFLICTS PRIOR TO CONSTRUCTION.
- COORDINATE THE EXACT SIZE AND LOCATION OF ALL SLEEVES AND OPENINGS THROUGH CONCRETE, MASONRY, OR STUD WALLS AND CONCRETE FLOORS WITH ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS.
- SHOP DRAWINGS MUST INDICATE CHANGES TO CONSTRUCTION DOCUMENTS, THE CHANGES MUST BE CLEARLY IDENTIFIED. THE ARCHITECT/ENGINEER SHALL NOT BE RESPONSIBLE FOR CHANGES SHOWN ON SHOP DRAWINGS. THE CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL CHANGES TO THE DESIGN PROVIDED ON SHOP DRAWINGS. THE ARCHITECT/ENGINEER SHALL NOT BEAR THE COSTS OF SUCH REVIEWS OR REDESIGN.
- PROJECT SPECIFICATIONS ARE PART OF THE CONSTRUCTION DOCUMENTS AND ARE TO BE USED IN CONJUNCTION WITH THE DRAWINGS.
- VERIFY ALL CONDITIONS, EXISTING AND NEW, SHOWN ON THE CONSTRUCTION DOCUMENTS PRIOR TO PROCEEDING WITH WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT OR ENGINEER IN WRITTEN FORM. THE ARCHITECT/ENGINEER SHALL NOT BE RESPONSIBLE FOR WORK DONE IN THESE AREAS WITHOUT CLARIFICATION IN WRITING FROM THE ARCHITECT/ENGINEER.
- ALL PHASES OF CONSTRUCTION SHALL CONFORM TO THE MINIMUM STANDARDS OF THE BUILDING CODE(S) NOTED IN "DESIGN CRITERIA".
- DIMENSIONS SHOWN ON CONSTRUCTION DOCUMENTS TAKE PRIORITY OVER SCALED DIMENSIONS. IN SOME CASES PLANS AND DETAILS MAY NOT BE DRAWN TO SCALE FOR CLARITY.
- DETAILS LABELED "TYPICAL" ON THESE DRAWINGS APPLY TO SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SUCH DETAILS APPLY WHETHER OR NOT DETAILS ARE REFERENCED AT EACH LOCATION. NOTIFY ENGINEER OF ANY CONDITIONS NOT APPLICABLE TO THESE "TYPICAL" DETAILS.
- DO NOT LOAD THE CONCRETE SLAB ON GRADE WITH ERECTION EQUIPMENT. THE SLABS HAVE NOT BEEN DESIGNED FOR ERECTION EQUIPMENT LOADS. SHOULD THE CONTRACTOR REQUIRE ERECTION EQUIPMENT TO BE PLACED ON SLAB ON GRADE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN OF THE SLAB IN THE AFFECTED AREAS.
- DO NOT STACK CONSTRUCTION MATERIALS ON FLOORS OR ROOFS DURING CONSTRUCTION IN EXCESS OF 80 PERCENT OF THE DESIGN LIVE LOAD NOTED ON THESE PLANS.
- THESE STRUCTURAL CONSTRUCTION DOCUMENTS ARE TO BE USED IN CONJUNCTION WITH ANY ARCHITECTURAL, MECHANICAL, PLUMBING, ELECTRICAL, FIRE PROTECTION, LANDSCAPE, AND CIVIL CONSTRUCTION DOCUMENTS FOR THIS PROJECT. CONTRACTOR IS RESPONSIBLE FOR IMPLEMENTING THE INFORMATION SHOWN ON ALL REFERENCED PLANS. THE ARCHITECT/ENGINEER SHALL BE NOTIFIED IN WRITING SHOULD DISCREPANCIES IN THE CONSTRUCTION DOCUMENTS BE FOUND PRIOR TO COMMENCING WORK IN THE AREA WHERE THE DISCREPANCY OCCURS. THE ARCHITECT/ENGINEER SHALL NOT BE RESPONSIBLE FOR WORK DONE IN THESE AREAS WITHOUT CLARIFICATION IN WRITING FROM THE ARCHITECT/ENGINEER.

**GENERAL NOTES (CONT.):**

- SUBSTITUTION REQUESTS: APPROVAL FROM THE ARCHITECT/ENGINEER IS REQUIRED PRIOR TO SUBSTITUTING COMPARABLE MATERIALS OR MANUFACTURED OR PRE-ENGINEERED PRODUCTS THAT ARE INDICATED IN THE CONSTRUCTION DOCUMENTS. ALL REQUESTS SHALL BE SUBMITTED TO THE OWNER'S REPRESENTATIVE. ALL NECESSARY INFORMATION REQUIRED TO DETERMINE THE EQUIVALENCY OF THE SUBSTITUTED PRODUCT SUCH AS ICC EVALUATION REPORTS AND TESTING REPORTS SHALL BE PROVIDED. COMPARABLE PRODUCTS SUBMITTED MUST INCLUDE A DETAILED LINE-BY-LINE COMPARISON OF HOW THE SUBMITTED PRODUCT MEETS OR EXCEEDS THE GENERAL DESIGN, PERFORMANCE, AND QUALITY INDICATED IN THE CONSTRUCTION DOCUMENTS. THE MANUFACTURER OR CATALOG NUMBERS SHOWN IN THE CONSTRUCTION DOCUMENTS ESTABLISH A STANDARD FOR THE GENERAL DESIGN, PERFORMANCE, AND QUALITY OF THE PRODUCT REQUIRED. WHERE "OR APPROVED EQUAL" IS INDICATED, OTHER PRODUCTS SIMILAR TO DESIGN AND OF EQUAL QUALITY AND PERFORMANCE, AND COMPLYING WITH THE PLANS AND SPECIFICATIONS MAY BE APPROVED IF FOUND ACCEPTABLE BY THE ARCHITECT/ENGINEER. ALL SUBSTITUTION REQUESTS, INCLUDING "ENGINEER APPROVED EQUALS", FOR EQUIPMENT AND MATERIALS SHALL BE SUBMITTED FOR REVIEW AFTER AWARD IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. UNLESS NOTED OTHERWISE, SUBSTITUTION REQUESTS SHALL BE SUBMITTED WITHIN 14 DAYS AFTER AWARD. THE ARCHITECT/ENGINEER SHALL NOT BEAR THE COSTS FOR REVIEW AND APPROVAL OF ALL REQUESTED SUBSTITUTIONS.
- CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION, AS WELL AS SEQUENCE OF CONSTRUCTION THAT DOES NOT IMPACT THE FINAL DESIGN AS SHOWN ON CONSTRUCTION DOCUMENTS.
- MECHANICAL UNITS AND OTHER SYSTEMS SHOWN ON THE STRUCTURAL PLANS INDICATE A SPECIFIC WEIGHT AND LOCATION. SHOULD THE CONTRACTOR INSTALL UNITS AND SYSTEMS WITH DIFFERENT WEIGHTS OR LOCATIONS THAN SHOWN, THE CONTRACTOR SHALL PROVIDE THIS INFORMATION TO THE STRUCTURAL ENGINEER FOR APPROVAL PRIOR TO PURCHASING, CLEARLY INDICATING THE DIFFERENCES IN SIZE, WEIGHT AND LOCATION. THE ARCHITECT/ENGINEER SHALL NOT BEAR THE COSTS OF SUCH REVIEWS OR REDESIGNS.

**SHALLOW FOUNDATIONS:**

- THE FOUNDATION DESIGN IS BASED UPON THE GEOTECHNICAL REPORT BY: ECS SOUTHWEST, LLP REPORT PROJECT NO. 20-1359 DATED 01/28/22 WITH THE FOLLOWING RECOMMENDATIONS:
 

BEARING CAPACITY (TOTAL LOAD) =	2500 PSF
REQUIRED BOTTOM OF EXTERIOR FOOTING DEPTH (FROST) =	36 INCHES
- REFER TO CONSTRUCTION DOCUMENTS FOR TOP OF FOOTING ELEVATION AND THICKNESS OF FOOTING TO ESTABLISH BEARING ELEVATIONS.
- CONTRACTOR SHALL PROVIDE TEMPORARY SHORING FOR FOUNDATION WALLS RETAINING BACKFILL UNTIL CONCRETE SLAB ON GRADE IS IN PLACE AND THE CONCRETE HAS REACHED ITS FULL 28 DAY STRENGTH.
- CONTRACTOR SHALL INSTALL ALL UNDERSLAB PIPING AND ELECTRICAL WORK AND RECOMPACT ANY DISTURBED STRUCTURAL FILL BEFORE INSTALLATION OF SLAB.
- PIPES OR CONDUITS THAT PENETRATE FOOTINGS, GRADE BEAMS, WALLS, OR SLABS SHALL BE WRAPPED WITH A MINIMUM OF 1/2 INCH OF COMPRESSIVE MATERIAL. CONTRACTOR SHALL COORDINATE PIPING AND CONDUIT ELEVATIONS THAT ARE PERPENDICULAR TO FOOTINGS OR GRADE BEAMS SO THAT PIPES ARE ABOVE FOOTINGS OR THROUGH THE MIDDLE THIRD OF THE GRADE BEAM DEPTH. AT CONTRACTOR'S OPTION, PIPES MAY RUN UNDER FOOTINGS OR GRADE BEAMS ENCASED IN CONCRETE SLURRY.
- ALL FOOTINGS MAY BE EARTH FORMED, POURED IN NEAT EXCAVATIONS IF SOIL CONDITIONS AND GEOTECHNICAL REPORT PERMIT.
- DO NOT PLACE CONCRETE UNLESS FOOTING EXCAVATIONS ARE FREE OF ALL WATER, FROST, ICE AND LOOSE SOIL. CONCRETE SHALL BE PLACED AS SOON AS POSSIBLE AFTER EXCAVATION SO THAT EXCESSIVE DRYING OF BEARING MATERIALS DOES NOT OCCUR. BEARING MATERIAL SHALL BE INSPECTED BY A QUALIFIED INDEPENDENT TESTING LAB PRIOR TO PLACEMENT OF CONCRETE.
- REFER TO THE CONSTRUCTION DOCUMENTS FOR PERIMETER INSULATION REQUIREMENTS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING INFORMATION CONTAINED IN THE REFERENCED GEOTECHNICAL REPORT FOR ALL SITE WORK, FOOTING EXCAVATIONS, GRADING, SITE PREPARATION, FILL, COMPACTION, AND ALL FOUNDATION WORK.

**CONCRETE:**

- CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH IN ACCORDANCE WITH THE FOLLOWING:
 

SLABS	4000 PSI
CONCRETE FOOTINGS	3000 PSI
ALL OTHER CONCRETE	3000 PSI
- CALCIUM CHLORIDE IS NOT TO BE USED AS AN ADMIXTURE. ALL ADMIXTURES SHALL BE FREE OF ALL CHLORIDES.
- PROVIDE CONCRETE MIX DESIGN MEETING ACI 318 FOR REVIEW PRIOR TO IMPLEMENTATION FOR EACH DIFFERENT MIX.
- CONCRETE MIX DESIGN FOR CONCRETE SLABS ON GRADE SHALL CONTAIN A WATER REDUCING AND DENSIFYING ADMIXTURE TO REDUCE THE PERMEABILITY OF THE CONCRETE.
- PORTLAND CEMENT SHALL CONFORM TO ASTM C150 TYPE I OR II LOW ALKALI UNLESS NOTED OTHERWISE. AGGREGATE FOR REGULAR WEIGHT CONCRETE SHALL CONFORM TO ASTM C33.
- REINFORCING BARS, ANCHOR BOLTS, AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACEMENT OF CONCRETE. STABBING OF REINFORCING BARS, ANCHOR BOLTS, AND OTHER CONCRETE INSERTS IS NOT ALLOWED.
- COORDINATE WITH OTHER TRADES TO ENSURE THE PROPER PLACEMENT OF OPENINGS, SLEEVES, CURBS, INSERTS, DEPRESSIONS, ETC. AS SHOWN ON CONSTRUCTION DOCUMENTS.
- CONCRETE EXPOSED TO WEATHER IN AREAS SUBJECT TO FROST SHALL BE AIR-ENTRAINED WITH AN AIR CONTENT BETWEEN 4 AND 6 PERCENT.
- FOR PLACEMENT OF CONCRETE IN EITHER HOT OR COLD WEATHER CONDITIONS FOLLOW ACI STANDARD PROCEDURES.
- ANCHOR BOLTS SHALL CONFORM TO ASTM F1554 (FY=36KSI). POST INSTALLED ANCHOR BOLTS ARE NOT PERMITTED. UNO.
- "CJ" INDICATES SAWCUT CONTROL JOINT. "CONST JOINT" INDICATES PREFERRED LOCATIONS FOR CONSTRUCTION JOINTS. IF A CONSTRUCTION JOINT IS NOT REQUIRED BY THE CONTRACTOR, A SUBSTITUTED CONTROL JOINT MAY BE SUBSTITUTED AT THOSE LOCATIONS.
- EPOXY GROUT OR ADHESIVE SHALL BE HILTI HIT-HY 200 SAFE SET SYSTEM ADHESIVE, SIMPSON SET-XP OR EQUIVALENT, UNLESS NOTED OTHERWISE.
- PROVIDE 3/4" CHAMFER AT ALL CORNERS AND EDGES PERMANENTLY EXPOSED TO VIEW.
- REFER TO SPECIFICATIONS FOR FLOOR FINISH AND FLATNESS REQUIREMENTS.
- CONCRETE SCREW ANCHORS SHALL BE HILTI KWIK HUS-EZ OR SIMPSON TITEN HD OR APPROVED EQUAL

**ABBREVIATIONS**

ABBR	DEFINITION
ADJ	ADJACENT
ARCH	ARCHITECTURAL
BO	BOTTOM OF BEARING
BRG	BEARING
CJ	CONTROL JOINT
CSJ	CONSTRUCTION JOINT
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CONT	CONTINUOUS
COL	COLUMN
CONC	CONCRETE
DIA	DIAMETER
DIAG	DIAGONAL
DWG	DRAWING
EA	EACH
ELELEV	ELEVATION
EOR	ENGINEER OF RECORD
EXT	EXTERIOR
EQ	EQUAL
FBE	FOOTING BEARING ELEVATION
FFE	FINISH FLOOR ELEVATION
FS	FAR SIDE
FTG	FOOTING/FOUNDATION
GA	GAUGE
GC	GENERAL CONTRACTOR
HORIZ	HORIZONTAL
IN	INCHES
LB	POUND
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
PL	PLATE
RBE	RAFTER BEARING ELEVATION
REF	REFERENCE
RFU	ROOF TOP UNIT
RTU	SQUARE FEET
SIM	SIMILAR
SPAC	SPACING
TBE	TRUSS BEARING ELEVATION
TO	TOP OF
TOP	TOP OF FOOTING
TOS	TOP OF STEEL
TOW	TOP OF WELL
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
WVF	WELDED WIRE FABRIC
WP	WORKING POINT

**REINFORCING STEEL:**

- ALL REINFORCING STEEL AND SUPPORTS SHALL BE DESIGNED, DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 318 AND ACI 315.
- ALL REINFORCING BARS SHALL BE IN ACCORDANCE WITH ASTM A615 GRADE 60 OR ASTM A706 GRADE 60 FOR WELDED BARS.
- WELDED WIRE REINFORCEMENT SHALL BE NEW BILLET STEEL, COLD DRAWN CONFORMING TO THE ASTM SPECIFICATION A1064 AND A108. LAP WELDED WIRE REINFORCEMENT A MINIMUM OF 12" SUPPLY IN SHEETS ONLY, ROLLS ARE NOT PERMITTED.
- ALL CONCRETE SLAB ON GRADE, RAISED CONCRETE SLAB, AND MAT REINFORCING SHALL BE SUPPORTED ON BOLSTERS OR BRICK SPACED NO FURTHER THAN 4 FEET ON CENTER.
- ALL REINFORCING SHALL BE COLD BENT.
- PROVIDE CLASS B SPLICES IN REINFORCING FOR CONTINUOUS REINFORCING. PROVIDE STANDARD 90 DEGREE HOOKS IN ACCORDANCE WITH ACI 318 UNLESS SPECIFICALLY DETAILED. REFER TO CONSTRUCTION DOCUMENTS FOR REQUIRED LAP LENGTHS. PROVIDE CONTINUOUS HORIZONTAL WALL AND CONTINUOUS FOOTING REINFORCEMENT WITH 90 DEGREE BENDS AT CORNERS AND INTERSECTIONS AS SHOWN ON CONSTRUCTION DOCUMENTS.
- MAINTAIN THE FOLLOWING REINFORCEMENT COVERAGE FOR REINFORCING STEEL UNLESS NOTED OTHERWISE.
 

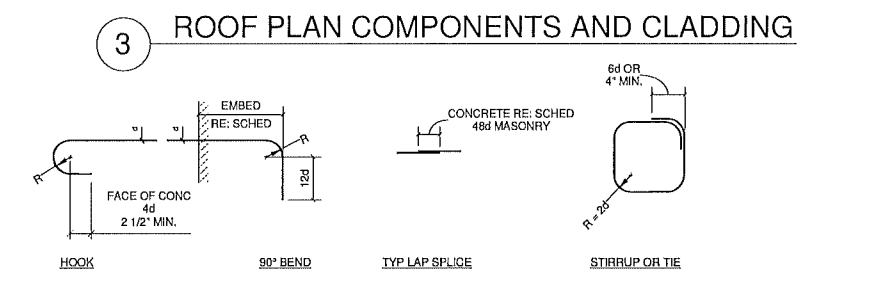
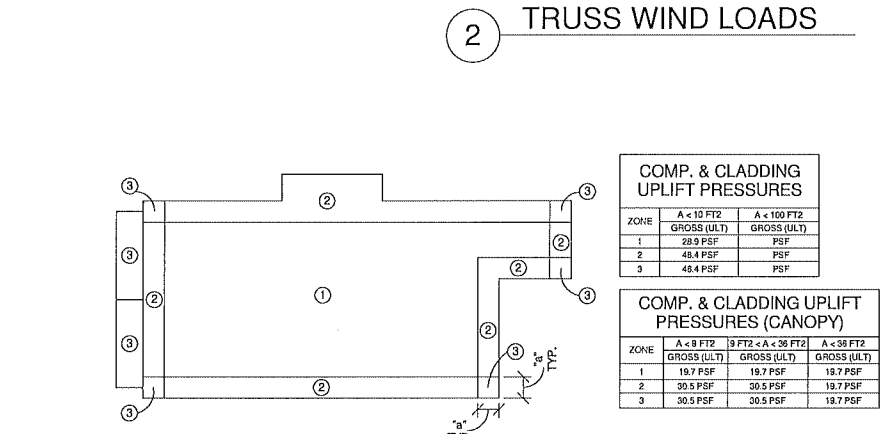
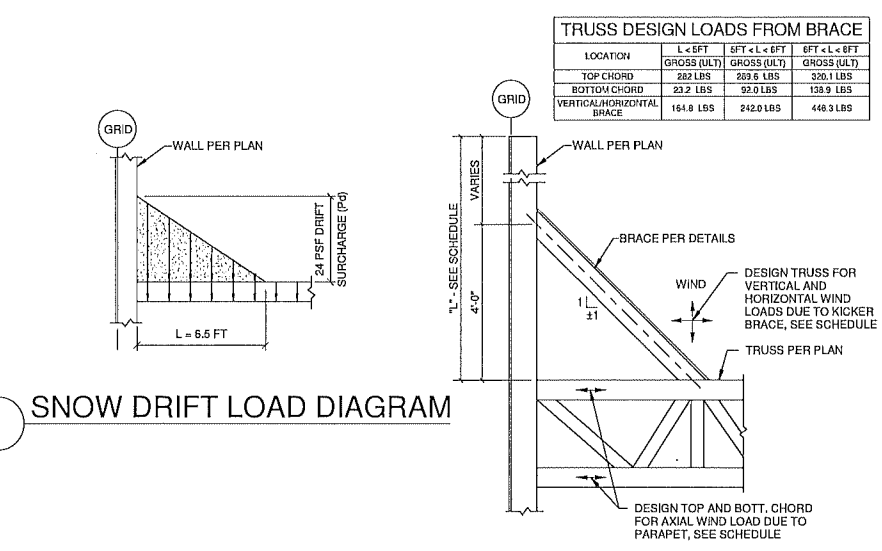
CONCRETE CAST AGAINST SOIL:	3 INCHES
CONCRETE EXPOSED TO WEATHER: NO. 6 AND LARGER	2 INCHES
NO. 5 AND SMALLER	1 1/2 INCHES
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH SOIL	
NO. 11 AND SMALLER	1 INCH WALL AND 1 1/2 INCH SLAB

**STRUCTURAL STEEL:**

- STRUCTURAL STEEL SHALL BE DETAILED, DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE REQUIREMENTS OF AISC SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL BUILDINGS, AISC MANUAL OF STEEL CONSTRUCTION (ALLOWABLE STRESS DESIGN), AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES, AND THE AWS STRUCTURAL WELDING CODE. ALL CODES AND MANUALS SHALL BE THE LATEST ADOPTED EDITIONS.
- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING ASTM DESIGNATIONS:
 

WIDE FLANGE SHAPES	A992 (FY=50 KSI)
CHANNELS, ANGLES, PLATES, ETC.	A36 (FY=36 KSI)
STRUCTURAL TUBE	A1065 (FY=50 KSI)
STRUCTURAL PIPE	A53 TYPE B GRADE B (FY=35 KSI)
BOLTS	A325 OR A490
WELDING ELECTRODES	E70XX
HARDENED STEEL WASHERS	ASTM F436
- CONNECTION MATERIALS FOR STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING DESIGNATIONS:
 

BEAM OR COLUMN STIFFENER PLATES	BEAM OR COLUMN STIFFENER PLATES SHALL BE OF THE SAME GRADE OF STEEL AS THE STRUCTURAL ELEMENT.
ALL BOLTED CONNECTIONS	ARE TO BE ERECTED WITH HIGH STRENGTH BOLTS, ASTM A325 OR ASTM A490, WITH BEARING TYPE "N" ALLOWABLE LOADS EXCEPT FOR BRACE CONNECTIONS WHICH ARE SLIP CRITICAL CONNECTIONS.
ALL BEAM TO BEAM AND COLUMN TO BEAM CONNECTIONS	SHALL BE BOLTED UNLESS NOTED OTHERWISE.
ALL WELDING	SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS) STANDARD D1.1. ALL WELDING SHALL BE PERFORMED BY WELDERS CERTIFIED IN THE TYPE OF WELD REQUIRED USING E70XX ELECTRODES OR IN A CERTIFIED SHOP TO DO SUCH WORK.
MINIMUM SIZE AND STRENGTH OF WELDS	SHALL CONFORM TO THE FOLLOWING REQUIREMENTS.
PROVIDE MINIMUM SIZE OF FILLET WELDS	AS SPECIFIED IN TABLE J2.4 OF THE AISC MANUAL.
PROVIDE THE MINIMUM EFFECTIVE THROAT THICKNESS OF PARTIAL PENETRATION GROOVE WELDS	AS SPECIFIED IN TABLE J2.3 OF THE AISC MANUAL.
DEVELOP THE FULL TENSILE STRENGTH OF THE MEMBER ELEMENT JOINED,	WITH SHOP AND FIELD WELDS, UNLESS OTHERWISE NOTED ON THE CONSTRUCTION DOCUMENTS.
WHERE CONNECTIONS ARE NOTED ON CONSTRUCTION DOCUMENTS AS FULL MOMENT CONNECTIONS,	PROVIDE WELDS TO DEVELOP THE FULL FLEXURAL CAPACITY OF THE LEAST CAPACITY MEMBER OF THE CONNECTION.
- ALL STRUCTURAL STEEL EXPOSED TO THE WEATHER IS TO BE HOT-DIP GALVANIZED. PROVIDE BOLTS, NUTS AND WASHERS THAT ARE HOT-DIP GALVANIZED ACCORDING TO ASTM A153, CLASS C.
- ALL NEW STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH THE SPECIFICATIONS.
- SPLICING OF STRUCTURAL STEEL MEMBERS IS NOT ALLOWED UNLESS SPECIFICALLY DETAILED ON THESE PLANS.
- DO NOT FIELD CUT ANY STRUCTURAL STEEL MEMBERS IN CONFLICT WITH THE WORK WITHOUT APPROVAL BY THE ENGINEER OR UNLESS SPECIFICALLY SHOWN ON THE CONSTRUCTION DOCUMENTS.
- PROVIDE HARDENED STEEL WASHERS CONFORMING TO ASTM F436 FOR CONNECTIONS WITH STANDARD AND SHORT-SLOTTED HOLES. FOR LONG SLOTTED HOLES, PROVIDE STRUCTURAL-GRADE STEEL 5/16" PLATE WASHERS OR CONTINUOUS BARS. IN ALL CASES, WASHER OR PLATE MUST BE OF SUFFICIENT SIZE TO COVER THE HOLE OR SLOT.
- ALL HOLES IN STEEL MEMBERS SHALL BE DRILLED OR PUNCHED. TORCH CUT HOLES ARE NOT ALLOWED.
- ERECT AND MAINTAIN TEMPORARY BRACING TO ENSURE THE ALIGNMENT AND STABILITY OF THE STRUCTURE DURING CONSTRUCTION UNTIL PERMANENT CONDITIONS HAVE BEEN COMPLETED.
- PROVIDE 1 1/2 INCHES OF NON-SHRINK GROUT UNDER ALL COLUMN BASE PLATES. NON-SHRINK GROUT SHALL BE NONMETALLIC WITH A MINIMUM COMPRESSIVE STRENGTH OF 5,000 PSI AT 28 DAYS.
- SHOP DRAWINGS ARE REQUIRED TO BE REVIEWED PRIOR TO FABRICATION.



BAR SIZE	LAP CLASS	SPLICE		HOOK LENGTH	BAR SIZE	LAP CLASS	SPLICE		HOOK LENGTH
		TOP	OTHER				TOP	OTHER	
#3	A	20"	16"	8"	#3	A	18"	14"	7"
	B	27"	21"			B	23"	18"	
#4	A	28"	22"	11"	#4	A	25"	19"	9"
	B	36"	28"			B	32"	25"	
#5	A	36"	27"	13"	#5	A	31"	24"	12"
	B	46"	36"			B	40"	31"	
#6	A	43"	33"	16"	#6	A	37"	28"	14"
	B	56"	43"			B	48"	37"	
#7	A	62"	48"	18"	#7	A	54"	42"	16"
	B	81"	62"			B	70"	54"	

- NOTES:**
- LENGTHS SHOWN CONFORM WITH NON-SEISMIC PROVISIONS OF THE CURRENT EDITION OF ACI 318 FOR UNCOATED BARS NOT ENCLOSED BY LOOSELY SPACED SPIRALS OR TIES. DEVELOPMENT OF REINFORCEMENT NOT COVERED BY THE TABLE SHALL CONFORM WITH THE CURRENT EDITION OF ACI 318.
  - BAR CLEAR SPACING IS THE CENTER TO CENTER BAR SPACING MINUS TWO BAR DIAMETERS WHEN ALL BARS ARE LAPPED AT THE SAME LOCATION. THE BAR CLEAR SPACING IS TWICE THE CENTER TO CENTER BAR SPACING MINUS TWO BAR DIAMETERS. WHEN ALL BARS ARE EMBEDDED AT THE SAME LOCATION, THE BAR CLEAR SPACING IS THE CENTER TO CENTER BAR SPACING MINUS ONE BAR DIAMETER.
  - CLASS A LAP LENGTHS APPLY WHEN BAR LAPS ARE STAGGERED TO LAP HALF THE BARS AT THE SAME LOCATION OR WHEN BARS ARE LAPPED AT A LOCATION OF MINIMUM STRESS IN THE BARS.
  - LAP AND EMBEDMENT LENGTHS SHOWN APPLY WHEN BAR MINIMUM CONCRETE COVER OVER BARS CONFORMS WITH VALUES GIVEN IN THE TABLE FOR "CONCRETE COVER". THESE COVER VALUES CONFORM WITH THE CURRENT EDITION OF ACI 318.
  - CLASS A LAP AND EMBEDMENT LENGTH HAVE THE SAME VALUE.
  - CLASS B LAP LENGTHS APPLY WHEN ALL BARS ARE SPLICED AT A LOCATION OF MAXIMUM STRESS IN THE BARS.
  - HOOK LENGTH GIVEN IS THE STRAIGHT LINE DISTANCE FROM THE LOCATION OF MAXIMUM STRESS IN THE BAR TO THE OUTSIDE END OF THE HOOK. MULTIPLY LENGTHS GIVEN BY 0.7 FOR HOOKS WITH SIDE COVER NORMAL TO THE HOOK NOT LESS THAN 2 1/2 INCHES AND FOR 90 DEGREE HOOKS COVER ON BAR EXTENSION BEYOND HOOK NOT LESS THAN 2 INCHES.
  - TOP BARS ARE HORIZONTAL REINFORCEMENT PLACED SO THAT MORE THAN 12 INCHES OF CONCRETE IS CAST BELOW THE REINFORCEMENT.
  - MULTIPLY LAP AND EMBEDMENT LENGTHS BY 2.0 FOR BARS WITH CLEAR SPACING OF TWO BAR DIAMETERS OR LESS OR CONCRETE COVER OF ONE BAR DIAMETER OR LESS.
  - MINIMUM CONCRETE COVER FROM FACE OF MEMBER TO EDGE BAR SHALL NOT BE LESS THAN TWO AND ONE HALF BAR DIAMETERS.

**CYNTERGY**  
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STIPULATION FOR REUSE  
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14588 POTRACO ROAD  
 SAN ANTONIO (POTRANCO) TX 78253

**SLIM CHICKENS**  
 RESTAURANT

DATE: 10/30/24

**ISSUE BLOCK**


CHECKED BY:	KJW
DRAWN BY:	REA
DOCUMENT DATE:	10/30/24
PROTO:	Q1-JOURNEY-LEFT
PROTO CYCLE:	02/07/24

STATE OF TEXAS  
 KATHERINE JANE WILCZEK, PE  
 LICENSE # F-2220 | EXPIRES 11/30/25

**DESIGN CRITERIA, GENERAL, FOUNDATION & SUBGRADE NOTES**

SHEET: **S001**

**WOOD**

- ALL LUMBER SHALL BE DOUGLAS FIR LARCH #2, SOUTHERN YELLOW PINE #2 OR SPRUCE PINE FIR No1/No2 WITH A MAXIMUM MOISTURE CONTENT OF 19% AND SHALL CONFORM TO THE GRADING RULES AS PUBLISHED BY THE WPPA AND/OR WCLUB. NLGA FOR DOUGLAS FIR LARCH, SOUTHERN YELLOW PINE OR SPRUCE PINE FIR. THE MINIMUM DESIGN PROPERTIES SHALL BE AS LISTED BELOW UNLESS OTHERWISE NOTED.
  - BENDING,  $F_b \geq 750$  PSI
  - TENSION PARALLEL TO GRAIN,  $F_t \geq 450$  PSI
  - SHEAR PARALLEL TO GRAIN,  $F_v \geq 135$  PSI
  - COMPRESSION PERPENDICULAR TO GRAIN,  $F_c \geq 425$  PSI
  - COMPRESSION PARALLEL TO GRAIN,  $F_c \geq 1,150$  PSI
  - MODULUS OF ELASTICITY,  $E \geq 1,400,000$  PSI
- ALL METAL CONNECTORS SHALL BE MANUFACTURED BY SIMPSON STRONG TIE. ALL NAIL HOLES ARE TO BE FILLED WITH THE PROPER SIZE NAILS UNLESS NOTED OTHERWISE. SUBSTITUTIONS ARE NOT ALLOWED UNLESS EQUIVALENCY OF THE SUBSTITUTED PRODUCTS IS PROVIDED (INCLUDING CAPACITIES OF EACH CONNECTOR) FOR REVIEW OF THE ENGINEER PRIOR TO INSTALLATION. REFER TO NOTES UNDER "GENERAL".
- ALL ANCHORS AND FASTENERS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE STAINLESS STEEL OR GALVANIZED. ALL PRESSURE TREATED LUMBER SHALL BE TREATED WITH MCO. SIMPSON CONNECTORS SHALL HAVE A ZMAX COATING.
- ALL BOLTS BEARING ON LUMBER SHALL HAVE STANDARD CUT WASHERS UNDER THE BOLT HEAD AND NUT, UNLESS OTHERWISE NOTED.
- LUMBER SHALL NOT BE CUT OR NOTCHED FOR PIPES, CONDUIT, ETC. EXCEPT AS SHOWN ON THESE PLANS.
- ALL HORIZONTAL WOOD FRAMING MEMBERS SHALL BE PLACED WITH THE CROWN UP.
- ALL NAILS USED OR CALLED OUT IN THE CONSTRUCTION DOCUMENTS ARE TO BE COMMON NAILS UNLESS NOTED OTHERWISE. NO OTHER NAILS SUCH AS SINKERS, RING SHANK, OR BOX NAILS ARE ALLOWED UNLESS SPECIFICALLY INDICATED ON THE CONSTRUCTION DOCUMENTS. SCREWS ARE NOT AN ACCEPTABLE SUBSTITUTION FOR NAILS.
- THE USE OF POWER-DRIVEN FASTENERS MAY BE ACCEPTABLE PROVIDED THAT A SUBMITTAL WITH THE REQUESTED SUBSTITUTION COMPLYING WITH NER-272 TO THE ENGINEER PRIOR TO USE. THE CONTRACTOR SHALL CLEARLY INDICATE ON THE SUBMITTAL THE SIZE, TYPE, QUANTITY, AND LOCATION (AT EACH CONDITION) WHERE THE SUBSTITUTIONS ARE REQUESTED.
- THE NAILS OF PLYWOOD SHEAR WALLS AND ROOF OR CEILING/DIAPHRAGM SHALL NOT RUPTURE THE PLYWOOD VENEER. CONTRACTOR SHALL REPLACE ANY PLYWOOD WHERE THE NAILING HAS RUPTURED THE VENEER.
- ALL STRUCTURAL WOOD PANELS SHALL BE ENGINEERED GRADE WITH APA GRADE STAMP INDICATING MAXIMUM ALLOWABLE SPACING OF SUPPORTS.
- PROVIDE CONTINUOUS WALL STUDS AT EACH SIDE OF ALL WALL OPENINGS. THE NUMBER OF CONTINUOUS STUDS AT EACH SIDE OF ANY OPENING SHALL BE EQUAL TO ONE-HALF THE NUMBER OF STUDS INTERRUPTED BY THE OPENING, UNLESS NOTED OTHERWISE.
- ALL POSTS SHALL BE CONTINUOUS TO THE FOUNDATION OR SUPPORTING BEAM.
- ALL WOOD TO WOOD CONNECTIONS SHALL BE PER IBC TABLE 2304.9.1, UNO.
- WOOD WALL SHEATHING SHALL BE EXTERIOR GRADE 15/32" APA RATED SHEATHING. REFER TO SHEAR WALL SCHEDULE FOR ATTACHMENT AT SHEAR WALLS. AT ALL OTHER LOCATIONS, ATTACH SHEATHING TO FRAMING WITH 10d AT 6" OC AT SUPPORTED PANEL EDGES AND AT 12" OC IN FIELD.
- WOOD ROOF SHEATHING SHALL BE EXTERIOR GRADE 19/32" APA RATED SHEATHING, 40/20 SPAN RATING.
- PROVIDE MIN. 2x6 FRAMING AROUND ROOF OPENINGS LARGER THAN 12' x 12'

**STRUCTURAL COMPOSITE LUMBER**

- ALL STRUCTURAL COMPOSITE LUMBER SHALL BE MANUFACTURED BY WEYERHAEUSER. FOR SUBSTITUTIONS REFER TO GENERAL NOTES. STRUCTURAL COMPOSITE LUMBER INCLUDES TIMBERSTRAND LSL (LAMINATED STRAND LUMBER), MICROLAM LVL (LAMINATED VENEER LUMBER), PARALLAM PSL (PARALLEL STRAND LUMBER), AND TJ-STRAND RIMBOARD.
- STRUCTURAL COMPOSITE LUMBER SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS: (PROPERTIES ARE FOR EDGE LOADING, NOT FACE LOADING)
 

	MOE	$F_b$	$F_t$
LSL	1.55	2325 PSI	310 PSI
LVL	2.00	2600 PSI	285 PSI
PSL	2.00	2900 PSI	290 PSI
RIMBD	1.30	1700 PSI	425 PSI
- STRUCTURAL COMPOSITE LUMBER MINIMUM WIDTH REQUIREMENTS ARE AS FOLLOWS UNLESS NOTED OTHERWISE ON THE CONSTRUCTION DOCUMENTS:
 

	WIDTH
LSL	1-3/4" OR 3-1/2"
LVL	1-3/4"
PSL	1-3/4", 3-1/2", 5-1/2", 7-1/4"
RIMBD	1-1/4"
- RIMBOARD MATERIAL IS ONLY TO BE USED WHERE CONTINUOUS SUPPORT IS PROVIDED ALONG THE BOTTOM OF THE MEMBER.
- ALL MATERIAL LISTED IS TO BE LIMITED TO COVERED END-USE INSTALLATIONS WITH DRY CONDITIONS OF USE (16 PERCENT OR LESS MOISTURE CONTENT) UNO. EXTERIOR PSL BEAMS SHALL HAVE A PRESERVATIVE TREATMENT.
- MATERIAL MAY BE CUT TO SIZE FOR LENGTH AND DEPTH REQUIREMENTS AS SHOWN ON THE CONSTRUCTION DOCUMENTS. IN NO CASE SHALL THE DEPTH BE CUT TO LESS THAN 3-1/2". IN NO CASE SHALL THE MATERIAL BE CUT IN WIDTH.
- ALL MEMBERS SHALL BE IDENTIFIED WITH A STAMP BEARING THE MANUFACTURER'S NAME AND LOGO, THE NAME OR LOGO OF THE INSPECTION AGENCY AND THE EVALUATION REPORT NUMBER.
- FOR ADDITIONAL FRAMING INFORMATION SEE WOOD FRAMING NOTES.
- EXTERIOR PSL SHALL BE PARALLAM  $\oplus$  PLUS

**METAL PLATE CONNECTED WOOD TRUSSES**

- PREFABRICATED WOOD TRUSS DESIGN, DETAILING AND INSTALLATION SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:
  - ANSI / TPI "NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION".
  - TPI HIP "COMMENTARY AND RECOMMENDATIONS FOR HANDLING, INSTALLING AND BRACING OF METAL PLATE CONNECTED TRUSSES".
  - TPI DSB "RECOMMENDED DESIGN SPECIFICATION FOR TEMPORARY BRACING OF METAL PLATE CONNECTED WOOD TRUSSES".
- TRUSS DESIGNER SHALL DESIGN AND PROVIDE ALL TEMPORARY BRACING AND ALL PERMANENT BRACING IN ACCORDANCE WITH THE TPI RECOMMENDATIONS.
- TRUSS DESIGNER SHALL DESIGN AND PROVIDE ALL PERMANENT TRUSS MEMBER BRACING IN ACCORDANCE WITH THE TPI RECOMMENDATIONS. REFER TO DCSI FOR TYPICAL DETAILS. THE EXISTING BUILDING BRACING IS THE RESPONSIBILITY OF THE EOR AND SHALL BE INSTALLED IN ACCORDANCE WITH THESE CONSTRUCTION DOCUMENTS.
- TRUSS MANUFACTURER SHALL PROVIDE A COMPLETE SET OF SHOP DRAWINGS INDICATING THE TRUSS MANUFACTURER, PLATE SUPPLIER, VERIFICATION OF PARTICIPATION IN THE TPI INSPECTION PROGRAM, AND STRUCTURAL CALCULATIONS SIGNED AND SEALED BY A LICENSED ENGINEER IN THE STATE WHERE THE PROJECT IS LOCATED, PRIOR TO FABRICATION.
- SUBMIT A COMPLETE SET OF ERECTION DRAWINGS WITH SIZE AND LOCATION OF TEMPORARY AND PERMANENT BRACING, INCLUDING ANY PROVISIONS FOR FIELD ASSEMBLY OF SPECIAL INDIVIDUAL TRUSSES. ERECTION DRAWING SHALL BE PREPARED SPECIFICALLY FOR THIS PROJECT. REFERENCE TO COMMENTARY AND RECOMMENDATIONS NOTED ABOVE IS NOT ACCEPTABLE AS A SUBSTITUTION FOR THIS REQUIREMENT.
- ANY FIELD CHANGES TO THE METAL PLATE CONNECTED TRUSSES IS NOT ALLOWED UNLESS DOCUMENTATION IS PROVIDED BY THE TRUSS ENGINEER SIGNED AND SEALED, PRIOR TO THESE CHANGES.
- INSTALL ROOF SHEATHING PRIOR TO ANY OVERFRAMING.
- TRUSS TO TRUSS CONNECTIONS ARE THE RESPONSIBILITY OF THE TRUSS DESIGNER.
- SCISSOR TRUSSES SHALL BE DESIGNED TO MEET A MAXIMUM HORIZONTAL DEFLECTION OF 1/4" AT REACTIONS.
- DEFLECTIONS SHALL MEET THE CRITERIA OF THE IBC.

**REINFORCED MASONRY (CMU)**

- ALL REINFORCED MASONRY CONSTRUCTION REQUIRES SPECIAL INSPECTION AS DESCRIBED IN THE BUILDING CODE REFERENCED UNDER DESIGN CRITERIA AND THE SPECIAL INSPECTIONS TABLE PROVIDED IN THE CONTRACT DOCUMENTS. STRUCTURAL DESIGN IS BASED ON  $f_m = 2000$  PSI REINFORCED MASONRY.
- CONCRETE MASONRY UNITS MAY BE NORMAL WEIGHT OR LIGHT WEIGHT UNITS MEETING THE REQUIREMENTS OF ASTM C90 WITH UNIT STRENGTHS OF 2650 PSI, EXCEPT UNITS BELOW GRADE SHALL BE NORMAL WEIGHT.
- PROPER BLOCK TYPE SHALL BE USED (OPEN END, BOND BEAM, ETC.) AS REQUIRED TO COMPLETE THE CONSTRUCTION AS SHOWN ON THE CONSTRUCTION DOCUMENTS.
- CONCRETE MASONRY UNITS SHALL BE WITHIN THE LIMITS OF ASTM C426 FOR DRYING AND SHRINKAGE OF CONCRETE BLOCKS.
- REINFORCED MASONRY WORK AND MATERIALS SHALL CONFORM TO THE BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES ACI 530.
- MASONRY ASSEMBLIES SHALL HAVE A MINIMUM PRISM STRENGTH OF  $f_m = 2000$  PSI TESTED IN ACCORDANCE WITH ASTM C140.
- CONCRETE FILL (GROUT) SHALL HAVE A MAXIMUM AGGREGATE SIZE OF 3/8" AND COMPRESSIVE STRENGTH OF 2000 PSI AT 28 DAYS. GROUT ONLY CELLS WITH HORIZ. OR VERT. REINFORCING UNLESS NOTED OTHERWISE, EXCEPT ALL CMU BELOW GRADE SHALL BE SOLID GROUTED.
- MORTAR SHALL CONFORM TO ASTM C270 TYPE N BY PROPORTION.
- HORIZONTAL JOINT REINFORCEMENT SHALL BE GALVANIZED LADDER TYPE CONFORMING TO ASTM A82. PLACE HORIZONTAL JOINT REINFORCEMENT AT 16 INCHES ON CENTER ABOVE GRADE AND AT EVERY COURSE BELOW GRADE UNLESS NOTED OTHERWISE.
- PROVIDE REINFORCEMENT IN CMU WALLS AS SHOWN IN CONSTRUCTION DOCUMENTS.
- PROVIDE A MINIMUM LAP OF 48 BAR DIAMETERS OR 24 INCHES, WHICHEVER IS GREATER, FOR REINFORCING BARS. STAGGER HORIZONTAL LAPS. EXTEND HORIZONTAL BARS AROUND CORNERS.
- ALIGN CMU VERTICAL CELLS TO BE FILLED WITH GROUT TO PROVIDE CONTINUOUS UNOBSTRUCTED VERTICAL CELLS. REMOVE OVERHANGING MORTAR AND OTHER OBSTRUCTIONS AND DEBRIS FROM THE INSIDES OF THE CELL WALLS.
- VERTICAL REINFORCING SHALL BE SECURED IN PLACE PRIOR TO PLACEMENT OF GROUT USING BAR POSITIONERS SPACED NOT GREATER THAN 10 FEET ON CENTER. LOCATE ONE BAR POSITIONER MINIMUM AT EACH VERTICAL REINFORCING LAP. VERTICAL REINFORCING SHALL HAVE A MINIMUM GROUT COVER OF 1/2 INCH TO THE INSIDE FACE OF THE CMU AND A MINIMUM TOTAL COVER INCLUDING MASONRY OF 2 INCHES.
- GROUTING SHALL STOP 1 1/2 INCHES BELOW THE TOP OF A COURSE TO FORM A KEY AT THE POUR JOINT.
- GROUT SHALL BE MECHANICALLY CONSOLIDATED USING A VIBRATOR WITH A MAXIMUM 3/4 INCH HEAD DIAMETER.
- IF FOUNDATION DOWELS DO NOT LINE UP WITH A VERTICAL CMU CELL DO NOT SLOPE DOWELS GREATER THAN ONE HORIZONTAL IN SIX VERTICAL. IF SLOPE EXCEEDS ONE IN SIX, PROVIDE NEW DOWELS AND EMBED INTO CONCRETE WITH HILTI HIT-HY 200 SAFE SET ADHESIVE. CONTACT ENGINEER FOR PROPER EMBEDMENT OF REINFORCING INTO CONCRETE FOUNDATION. INSTALL UNDER CONTINUOUS INSPECTION.
- PIPING OR CONDUIT EMBEDDED IN REINFORCED MASONRY SHALL NOT EXCEED 1 INCH IN DIAMETER AND LOCATION SHALL BE SUBJECT TO APPROVAL BY ARCHITECT/ENGINEER.
- TEMPORARY BRACING OF MASONRY CONSTRUCTION IS REQUIRED TO BE DESIGNED BY OTHERS AND IS NOT TO BE REMOVED UNTIL PERMANENT BRACING ELEMENTS SUCH AS FLOORS AND ROOFS ARE IN PLACE.
- ANCHORS, BOLTS, EMBEDMENTS, WALL INSERTS, ETC. SHALL BE GROUTED SOLID IN POSITION.
- EPOXY GROUT OR ADHESIVE SHALL BE HILTI HIT-HY 70 ADHESIVE IN GROUT FILLED CELLS AND HY 70 WITH SCREEN SLEEVES IN UNGROUTED CELLS OR EQUIVALENT, UNLESS NOTED OTHERWISE.

**TEST AND INSPECTIONS**

- SPECIAL TESTS AND INSPECTIONS: ENGAGE A QUALIFIED TESTING AGENCY AND SPECIAL INSPECTOR TO CONDUCT SPECIAL TESTS AND INSPECTIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION, AS INDICATED ON CONTRACT DOCUMENTS.
- SPECIAL TESTS AND INSPECTIONS: CONDUCTED BY A QUALIFIED TESTING AGENCY AND SPECIAL INSPECTOR AS REQUIRED BY AUTHORITIES HAVING JURISDICTION AND AS FOLLOWS:
  - VERIFYING THAT MANUFACTURER MAINTAINS DETAILED FABRICATION AND QUALITY-CONTROL PROCEDURES AND REVIEWING THE COMPLETENESS AND ADEQUACY OF THOSE PROCEDURES TO PERFORM THE WORK.
  - NOTIFYING ENGINEER AND CONTRACTOR PROMPTLY OF IRREGULARITIES AND DEFICIENCIES OBSERVED IN THE WORK DURING THE PERFORMANCE OF ITS SERVICE.
  - SUBMITTING A CERTIFIED WRITTEN REPORT OF EACH TEST, INSPECTION AND SIMILAR QUALITY CONTROL SERVICE TO ENGINEER WITH COPY TO CONTRACTOR AND TO AUTHORITIES HAVING JURISDICTION.
  - SUBMITTING A FINAL REPORT OF SPECIAL TESTS AND INSPECTIONS AT SUBSTANTIAL COMPLETION WHICH INCLUDES A LIST OF UNRESOLVED DEFICIENCIES.
  - INTERPRETING TESTS AND INSPECTIONS AND STATING IN EACH REPORT WHETHER TESTED AND INSPECTED WORK COMPLIES WITH OR DEVIATES FROM THE CONTRACT DOCUMENTS.
  - RE-TESTING AND RE-INSPECTING CORRECTED WORK.
- ALL MATERIALS FOR CONCRETE (CEMENT, AGGREGATE, REBAR, ETC.) SHALL BE TESTED FROM STOCK. COPIES OR CERTIFICATIONS TO MEET SPECIFICATION REQUIREMENTS SHALL BE SUPPLIED UPON REQUEST BY THE CONTRACTING OFFICER'S REPRESENTATIVE.
- REFER TO SPECIFICATIONS FOR INSPECTION AND TESTING REQUIREMENTS FOR EACH MATERIAL (MASONRY, CONCRETE, STEEL, ETC.). ALL TESTS SHALL BE PER ASTM STANDARDS.
- SPECIAL INSPECTIONS ARE REQUIRED FOR BUILDING CODE(S) NOTED IN "DESIGN CRITERIA". REFER TO "SPECIAL INSPECTIONS REQUIRED" TABLE PROVIDED ON THIS SHEET.
- COMPACTION FOR FILL BENEATH SLABS SHALL BE TESTED AT EACH LIFT WITH MINIMUM THREE TESTS PER 2,000 SQUARE FEET.
- THE CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTOR WHEN WORK IS READY FOR INSPECTION AND SHALL PROVIDE ACCESS FOR INSPECTIONS AND TESTING.

**PAD PREPARATION NOTES:**

BUILDING PAD SHALL BE CLEARED OF VEGETATION, TOPSOIL AND OTHER DELETERIOUS MATERIALS. THE BUILDING PAD EXTENDS 5 FEET IN ALL DIRECTIONS FROM THE FOOTPRINT OF THE BUILDING. THE EXISTING BUILDING PAD SHALL BE OVEREXCAVATED 5 FEET. ALTERNATIVELY, THE BUILDING PAD CAN BE PREPARED BY UNDERCUTTING AS REQUIRED TO PROVIDE A MINIMUM OF 5 FEET MOISTURE CONDITIONED AND RECOMPACTED ON-SOILS WITH A 2 FOOT THICK SELECT FILL CAP TO ACHIEVE A DESIGN PVR OF 1 INCH. AFTER ON-SITE CLAY SOILS ARE REMOVED, THE EXPOSED SUBGRADE SHALL BE PROTECTED WITH AT LEAST A 20 TON ROLLER. ANY WEAK ZONES SHALL BE BROUGHT TO THE ATTENTION OF THE GEOTECHNICAL ENGINEER FOR THEIR EVALUATION. ANY WEAK ZONES SHALL BE OVEREXCAVATED HORIZONTALLY AND VERTICALLY AND REPLACED WITH COMPETENT SPOILS. THE EXPOSED SUBGRADE SHALL BE MOISTURE CONDITIONED BETWEEN 0 AND +4 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT AND COMPACTED TO 95 PERCENT OF MAXIMUM DRY DENSITY PER ASTM D698. COMPACTED LIFTS SHALL NOT EXCEED 8 INCHES. THE REMAINDER OF THE BUILDING PAD SHALL THEN BE FILLED WITH IMPORTED SELECT FILL, MOISTURE CONDITIONED TO BETWEEN -1 AND +3 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT AND THEN COMPACTED TO AT LEAST 95 PERCENT OF THE MAXIMUM DRY DENSITY PER ASTM D698

SPECIAL INSPECTION NOTES	
IN ACCORDANCE WITH THE REQUIREMENTS OF CHAPTER 17 OF THE BUILDING CODE, THE OWNER SHALL EMPLOY QUALIFIED PERSONNEL TO PERFORM THE FOLLOWING SPECIAL INSPECTIONS AND REPORT THE FINDINGS TO THE ENGINEER AND BUILDING OFFICIAL. THIS DOES NOT RELIEVE THE CONTRACTOR OF ANY RESPONSIBILITY TO PERFORM WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE INSPECTOR 48 HOURS IN ADVANCE OF ALL INSPECTIONS.	

**REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION IBC SECTION 1705.2.1 AND AISC 360-10 CHAPTER N, AND AISC 341-10 CHAPTER J**

STEEL CONSTRUCTION (IBC 1705.2)				
VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD	
<b>1. WELDING:</b>				
a. COMPLETE & PARTIAL PENETRATION GROOVE WELDS	X	---		
b. SINGLE-PASS FILLET WELDS > 5/16"	X	---		
c. MULTI-PASS FILLET WELDS	X	---		
d. PLUG, SLOT, SEAM OR FLANGE WELDS	X	---		
e. SINGLE-PASS FILLET WELDS ≤ 5/16"	---	X		
f. ROOF DECK WELDS	---	X		
g. SHEAR CONNECTOR (I.E. STUD) WELDS	---	X		
h. COLD-FORMED STEEL WELDS	---	X		
i. WELDS OF STAIRS & RAILING SYSTEMS	---	X		
<b>2. DETAILS OF STEEL FRAME:</b>				
a. MEMBER LOCATIONS, BRACING, GUSSET PLATES, STIFFENERS AND OTHER CONNECTION COMPONENTS	---	X	IBC 1704.3.2	
<b>3. HIGH-STRENGTH BOLTING :</b>				
a. PRETENSIONED & SLIP-CRITICAL JOINTS	---	X	IBC 1704.3.3	
b. SNUG-TIGHTENED JOINTS	---	X		
<b>4. STRUCTURAL STEEL :</b>				
a. VISUAL INSPECTION PRIOR TO WELDING	---	X	IBC 1707.2 & 1708.3	
b. VISUAL INSPECTION DURING WELDING	---	X		
c. VISUAL INSPECTION AFTER WELDING	---	X		
d. NON DESTRUCTIVE TESTING	---	X		
e. INSPECTION PRIOR TO BOLTING	---	X		
f. INSPECTION DURING BOLTING	---	X		
g. INSPECTION AFTER BOLTING	---	X		
h. REDUCED BEAM SECTIONS (RBS)	---	X		
i. PROTECTED ZONES	---	X		

**SPECIAL REQUIRED VERIFICATION AND INSPECTION OF CONCRETE CONSTRUCTION IBC - TABLES 1705.3**

VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC	REFERENCED STANDARD	IBC REFERENCE
1. INSPECTION OF REINFORCING STEEL, INCLUDING PRESTRESSING TENDONS, AND PLACEMENT	---	X	ACI 318: 3.5, 7.1-7.7	1910.4
2. INSPECTION OF REINFORCING STEEL WELDING IN ACCORDANCE WITH TABLE 1705.2.2 ITEM 2b	---	---	AWS D1.4 ACI 318: 3.5.2	---
3. INSPECTION OF BOLTS TO BE INSTALLED IN CONCRETE PRIOR TO AND DURING PLACEMENT OF CONCRETE WHERE ALLOWABLE LOADS HAVE BEEN INCREASED OR WHERE STRENGTH DESIGN IS USED	X	---	ACI 318: 8.1.3, 21.2.8	1908.5, 1909.1
4. INSPECTION OF ANCHORS INSTALLED IN HARDENED CONCRETE	---	X	ACI 318: 3.8.6, 8.1.3, 21.2.8	1909.1
5. VERIFYING USE OF REQUIRED DESIGN MIX	---	X	ACI 318: CH. 4, 5.2-5.4	1904.2, 1910.2, 1910.3
6. AT THE TIME FRESH CONCRETE IS SAMPLED TO FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X	---	ASTM C 172 ASTM C 31 ACI 318: 5.6, 5.8	1910.10
7. INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	---	X	ACI 318: 5.11-5.13	1910.9
8. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSION OF THE CONCRETE MEMBER BEING FORMED	---	X	ACI 318: 6.1.1	---

**SPECIAL REQUIRED VERIFICATION AND INSPECTION OF SOILS IBC - TABLES 1705.6**

VERIFICATION AND INSPECTION	CONTINUOUS DURING TASK LISTED	PERIODIC DURING TASK LISTED
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY	---	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	---	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIAL	---	X
4. VERIFY USE OF PROPER MATERIAL, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X	---
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	---	X

SPECIAL INSPECTION WOOD FRAMING	
1. SPECIAL INSPECTION OF WOOD FRAMING:	
A. THE EXTERIOR WOOD WALLS SHALL BE INSPECTED AFTER ERECTION AND BEFORE ADDING SHEATHING, ITEMS TO BE INSPECTED INCLUDE:	
a. MATERIALS, GRADES AND SPECS.	
b. LOCATION AND SIZE OF A BOLTS.	
c. STUD LENGTH.	
d. CONNECTIONS OF STUDS TO TOP AND BOTTOM PLATES.	
e. STUD BLOCKING.	
f. OBSERVE ALL FRAMING FOR COMPLIANCE WITH DRAWINGS AND SPECIFICATIONS.	
B. THE FRAMING SHALL BE INSPECTED AFTER ERECTION OF WOOD TRUSSES AND AS THE SHEATHING AND DECKING IS BEING INSTALLED. THIS INSPECTION SHOULD BE PERFORMED BEFORE MASON OR ROOFER IS ON PROJECT. ITEMS TO BE INSPECTED INCLUDE:	
a. SHEATHING AND DECKING GRADE AND LUE.	
b. LAYOUT OF SHEATHING AND DECKING.	
c. NAILING OF SHEATHING TO STUDS AND BLOCKING.	
d. INSTALLATION OF BLOCKING AT EDGES OF ROOF DECK.	
e. ALL AROUND THE PERIMETER VERIFY THE ROOF DECKING AND WALL SHEATHING ARE CONNECTED.	
f. ABOVE THE INTERIOR SHEAR WALL VERIFY ROOF DECKING IS CONNECTED TO THE WALL SHEATHING.	
C. PRIOR TO INSTALLATION OF INSULATION OF THE WALL INSULATION, AND FINISHES PERFORM A COMPLETE INSPECTION OF ALL WOOD FRAMING ITEMS NOT PREVIOUSLY INSPECTED.	

MASONRY CONSTRUCTION			
1. AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:			
A. PROPORTIONS OF SITE PREPARED MORTAR.		ACI 530.1/ASCE 6/TMS 602-Art. 2.6A	
B. CONSTRUCTION OF MORTAR JOINTS.	PERIODIC	ACI 530.1/ASCE 6/TMS 602-Art. 3.3B	
C. LOCATION OF REINFORCEMENT AND CONNECTORS.		ACI 530.1/ASCE 6/TMS 602: Art. 3.4, 3.6A	
2. THE INSPECTION PROGRAM SHALL VERIFY:			
A. SIZE AND LOCATION OF STRUCTURAL ELEMENTS.		ACI 530.1/ASCE 6/TMS 602-Art.3.3G	
B. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION.		ACI 530/ASCE 6/TMS 402-SEC. 1.2.2(a), 2.1.4, 3.1.6, 1.12, 2.1.10.6.2, 3.2.3.4(b)	
C. SPECIFIED SIZE, GRADE, AND TYPE OF REINFORCEMENT	PERIODIC	ACI 530.1/ASCE 6/TMS 602: Sec. 1.12; ACI 530.1/ASCE 6/TMS 602: Art. 2.4, 3.4	
D. WELDING OF REINFORCING BARS.		ACI 530/ASCE 5/TMS 402: Sec. 2.1.10.2, 3.2.3.4(b)	
E. PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40° F) OR HOT WEATHER (TEMPERATURE ABOVE 90° F)		ACI 530.1/ASCE 6/TMS 602: Art. 1.8C, 1.8D	
3. PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED TO ENSURE COMPLIANCE:			
A. GROUT SPACE IS CLEAN.		ACI 530.1/ASCE 6/TMS 602-Art. 3.2D	
B. PLACEMENT OF REINFORCEMENT AND CONNECTORS.	PERIODIC	ACI 530/ASCE 6/TMS 402: Sec. 1.12; ACI 530.1/ASCE 6/TMS 602-Art. 3.4	
C. PROPORTIONS OF SITE PREPARED GROUT.		ACI 530.1/ASCE 6/TMS 602-Art. 2.6B	
D. CONSTRUCTION OF MORTAR JOINTS.		ACI 530.1/ASCE 6/TMS 602-Art. 3.3B	
4. GROUT PLACEMENT SHALL BE VERIFIED TO ENSURE COMPLIANCE WITH CODE AND CONSTRUCTION DOCUMENT PROVISIONS.	CONT.	ACI 530/ASCE 6/TMS 602-ART. 3.5	
5. PREPARATION OF ANY REQUIRED GROUT SPECIMENS, MORTAR SPECIMENS, AND/OR PRISMS SHALL BE OBSERVED.	CONT.	ACI 530/ASCE 6/TMS 602-ART. 1.4, AND IBC SEC. 2105.2.2 AND 2105.3	
6. COMPLIANCE WITH REQUIRED INSPECTION PROVISIONS OF THE CONSTRUCTION DOCUMENTS AND THE APPROVED SUBMITTALS SHALL BE VERIFIED.	PERIODIC	ACI 530/ASCE 6/TMS 602-Art. 1.5.	
<b>ADHESIVE ANCHORS/REINFORCEMENT:</b>			
1. DURING PLACEMENT OF ADHESIVE ANCHORS OR REINFORCEMENT EMBEDMENT WITH ADHESIVE (AS SPECIFIED ON THE CONSTRUCTION DOCUMENTS) IN MASONRY AND CONCRETE:			
A. SIZE AND EMBEDMENT OF ANCHORS/REINF.	CONTINUOUS	MANUFACTURERS INSTALLATION INSTRUCTIONS	
B. ANCHORS/REINFORCEMENT INSTALLED PER MANUFACTURERS RECOMMENDATIONS.	CONTINUOUS		
<b>INSPECTION OF FABRICATORS:</b>			
1. APPLICABLE ELEMENT (FABRICATOR CERTIFICATION REQUIREMENTS):			
A. STRUCTURAL STEEL (ASO CERTIFIED FOR CONVENTIONAL STEEL BUILDING)			
B. STEEL JOISTS/JOIST GIRDERS (S/J MEMBER)			
C. STEEL ROOF DECK (SD) MEMBER			
D. WOOD TRUSSES (MAG APPROVED TRUSS MANUFACTURERS)			
IF THE FABRICATOR DOES NOT MEET THE CERTIFICATION REQUIREMENTS INDICATED ABOVE, THE FABRICATOR SHALL BE RESPONSIBLE FOR THE COSTS AND IMPLEMENTATION OF THE SPECIAL STRUCTURAL INSPECTIONS AS REQUIRED PER ITEMS (2) BELOW. THESE SPECIAL STRUCTURAL INSPECTIONS SHALL BE PERFORMED UNDER THE DIRECTION AND SUPERVISION OF AN ENGINEER IN THE STATE OF THE PROJECT IS IN. UPON COMPLETION OF FABRICATION, THE FABRICATOR SHALL SUBMIT ALL INSPECTION LOGS AND DOCUMENTATION TO THE BUILDING OFFICIAL FOR APPROVAL.			
2. WHEN SPECIAL INSPECTIONS ARE REQUIRED BY BUILDING OFFICIAL:			
A. FABRICATION AND IMPLEMENTATION PROCEDURES, THE SPECIAL INSPECTOR SHALL VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION, CONTROL OF THE WORKMANSHIP, AND THE FABRICATORS ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS. THE SPECIAL INSPECTOR SHALL REVIEW THE PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO THE CODE REQUIREMENTS FOR THE FABRICATORS SCOPE OF WORK.			
3. WHEN SPECIAL INSPECTIONS ARE NOT REQUIRED BY THE BUILDING OFFICIAL:			
A. UPON COMPLETION OF FABRICATION, THE APPROVED FABRICATOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE TO THE BUILDING OFFICIAL STATING THAT THE WORK WAS PERFORMED IN ACCORDANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS.			

ALL SPECIAL INSPECTIONS REQUIRED IN IBC 1704 AND 1705 FOR THIS PROJECT MUST BE PERFORMED. THE SPECIAL INSPECTOR'S DAILY LOGS/REPORTS SHALL BE MAINTAINED ON-SITE BY THE PROJECT SUPERINTENDENT FOR USE AND REFERENCE BY THE INSPECTION STAFF. A FINALIZED "CERTIFICATE OF SPECIAL INSPECTION" THAT HAS BEEN EXECUTED BY THE PROJECTS STRUCTURAL ENGINEER MUST BE PROVIDED TO THE BUILDING INSPECTOR AT THE FINAL BUILDING INSPECTION. REF IBC 1704

**CYNERGY**  
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ISSUE BOOK


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DRAWN BY: REA  
DOCUMENT DATE: 10/30/24  
PROTO: Q1-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24

KATHERINE JANE WILCZEK, PE  
ENGINEER OF RECORD

CYNERGY ENGINEERING, PLLC  
LICENSE # F-2220 | EXPIRES 11/30/25

**STRUCTURAL NOTES & SPECIAL INSPECTIONS**

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 DRAWING: 2307-01-PM-01-01-01-01-



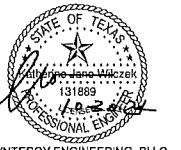
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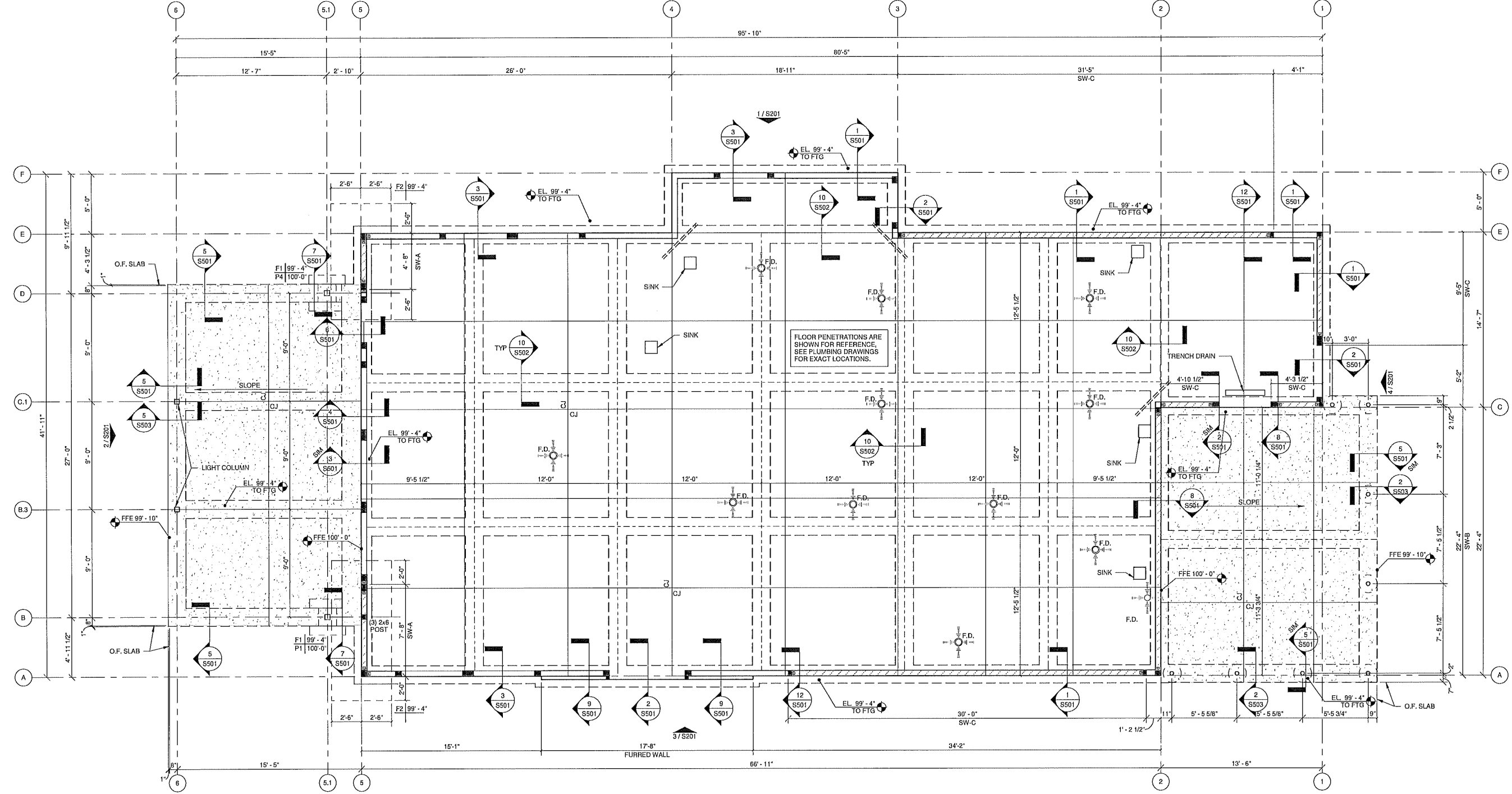

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PROTO CYCLE: 02/07/24



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KATHERINE JANE WILCZEK, PE  
ENGINEER OF RECORD

FOUNDATION PLAN

SHEET: S101



1 FOUNDATION PLAN  
1/4" = 1'-0"

FOUNDATION SCHEDULE

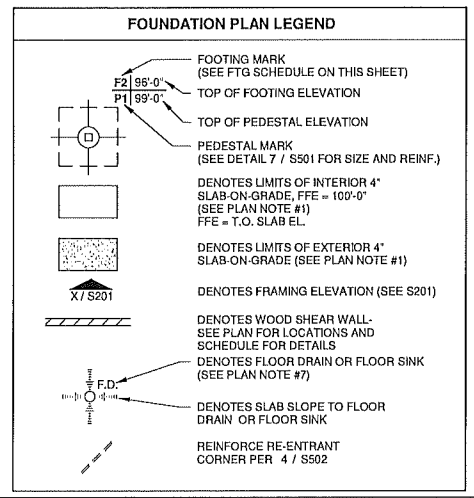
FOOTING MARK	FOOTING SIZE	REINFORCING	COMMENTS
F1	3'-6" x 3'-6" x 2'-0"	#5 @ 12" SPA. EA. WAY BOTT.	
F2	5'-0" x SEE PLAN x 3'-0"	#5 @ 12" SPA. EA. WAY TOP & BOTT.	

SHEAR WALL SCHEDULE

MARK	MATERIAL	EDGE NAILING	FIELD NAILING	SILL BOLTS	REMARKS	HOLDDOWN	HOLDDOWN COLUMN	HOLDDOWN ANCHOR
SW-A	15/32" WSP, STRUCT 1	2" (NOTE 2)	12"	3/4" Ø x 6" TITEN HD @ 16" O.C.	BLOCKED	(2) SIMPSON HDU14-SDS2.5	MIN (4) 2X6	(2) 1" Ø x 16" DRILL & EPOXY (NOTES 3,4,5,6,7)
SW-B	15/32" WSP, STRUCT 1	4"	12"	1/2" Ø x 4" TITEN HD @ 16" O.C.	BLOCKED	SIMPSON HDU14-SDS2.5	MIN (3) 2X6	1" Ø x 16" DRILL & EPOXY (NOTES 3,4,5,6)
SW-C	15/32" WSP, STRUCT 1	6"	12"	1/2" Ø x 4" TITEN HD @ 24" O.C.	UNBLOCKED	SIMPSON HDU8-SDS2.5	MIN (2) 2X6	5/8" Ø x 12" DRILL & EPOXY (NOTES 3,4,5)

- NOTES:
- NAILS SHALL BE 10d
  - FOR SHEAR WALLS W/ 2" EDGE NAILING, DOUBLE BLOCK ALL SHEATHING EDGES
  - FOR TYPICAL HOLDDOWN SEE DETAILS 10 & 11/S501
  - FASTEN HOLDDOWNS TO COLUMNS PER MANUF. SPECIFICATIONS
  - ALL ANCHORS SHALL BE DRILLED & EPOXIED WITH SIMPSON STRONG-TIE SET-3G OR APPROVED EQUAL.
  - HOLDDOWN REQUIRES ANCHOR REINFORCEMENT PER 10 & 11/S501
  - (2) HOLDDOWNS ONLY REQUIRED AT CORNERS

- PLAN NOTES
- SLAB ON GRADE SHALL BE REINFORCED W/ 6x6 - W1.4xW1.4 W.W.F. OVER 10 MIL VAPOR BARRIER OVER CRUSHED ROCK BASE PER SOILS REPORT. PLACE W.W.F. AT UPPER THIRD OF SLAB.  
CONTRACTOR OPTION - REINFORCE WITH FIBERMESH AT A MINIMUM DOSAGE OF 1.5 LBS/YD IN LIEU OF W.W.F.
  - FOR FOUNDATION, MATERIAL, AND GENERAL NOTES, SEE SHEET S501 & S502
  - SEE DRAWINGS S502 FOR TYPICAL FOUNDATION DETAILS.
  - VERIFY BEARING W/ GEOTECHNICAL ENGINEER.
  - COORD. DOOR LOCATIONS W/ ARCH. DRAWINGS.
  - COORD. LOCATIONS OF PLUMBING LINES W/ PLUMBER PRIOR TO PLACING FOOTINGS & SLAB ON GRADE/
  - SEE ARCH./PLUMBING DRAWINGS FOR ALL LOCATIONS OF FLOOR DRAINS & SLOPES
  - SEE PLUMBING DRAWINGS FOR ALL OTHER PLUMBING PENETRATIONS THROUGH SLAB NOT SHOWN OR DIMENSIONED ON THIS PLAN.
  - G.C. TO COORD. ACTUAL BUILDING ORIENTATION ON SITE W/ CIVIL.
  - GRID LINES ARE TO EXTERIOR FACE OF STUD & EDGE OF SLAB.









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**SLIM CHICKENS**  
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SAN ANTONIO (POTRACO) TX. 78253

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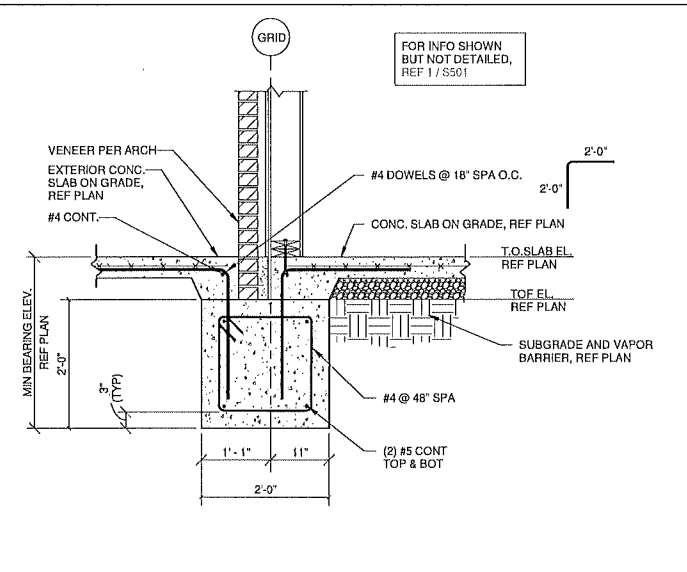

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DRAWN BY: REA  
DOCUMENT DATE: 10/30/24  
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PROTO CYCLE: 02/07/24



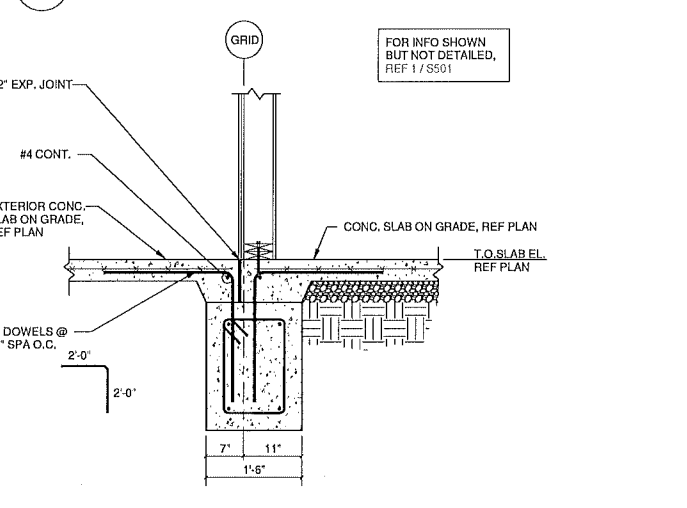
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LICENSE # F-2220 | EXPIRES 11/30/25  
KATHERINE JANE WILCZEK, PE  
REGISTERED PROFESSIONAL ENGINEER

**FOUNDATION SECTIONS**

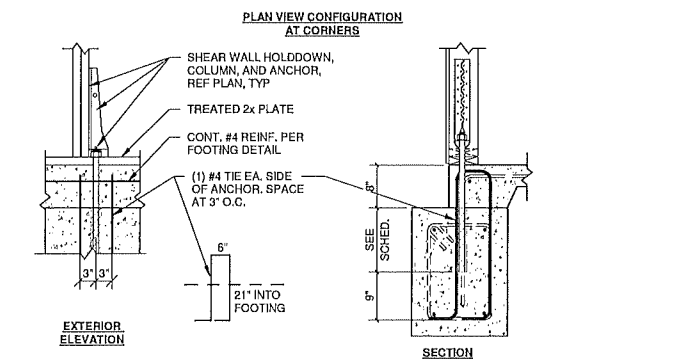
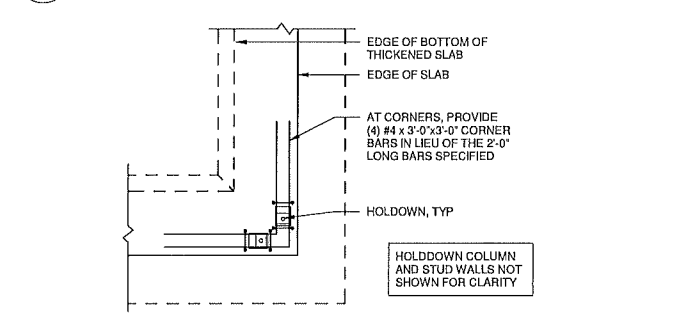
SHEET: **S501**



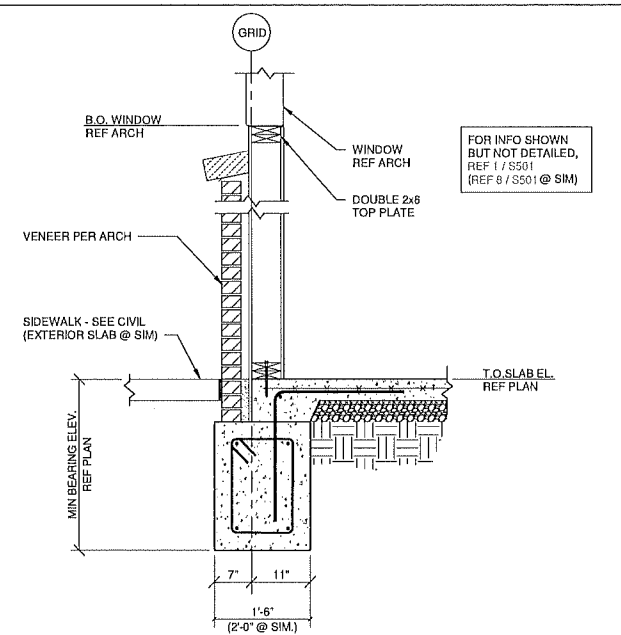
**4 SECTION @ WALL & EXTERIOR SLAB**  
3/4" = 1'-0"



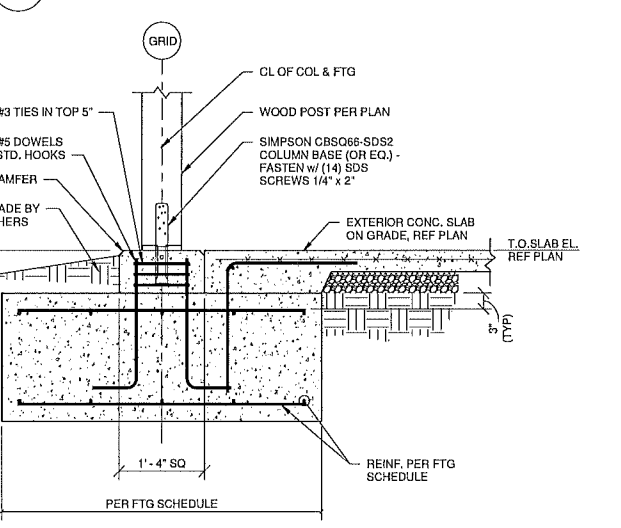
**8 SECTION @ WALL**  
3/4" = 1'-0"



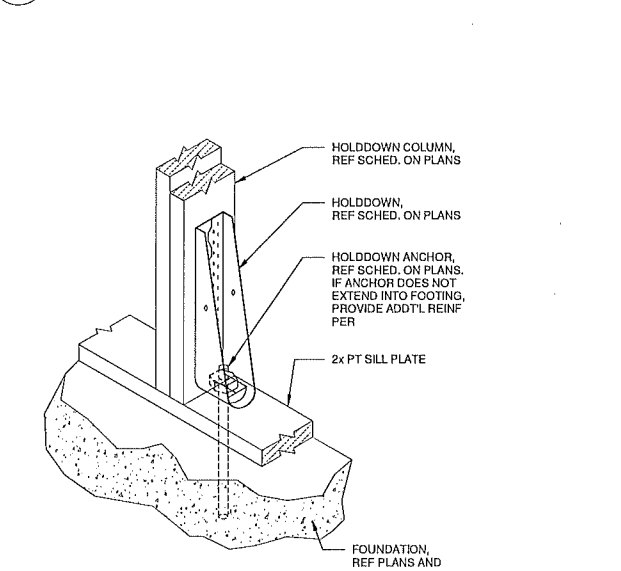
**12 HOLDDOWN ANCHOR REINFORCEMENT**  
3/4" = 1'-0"



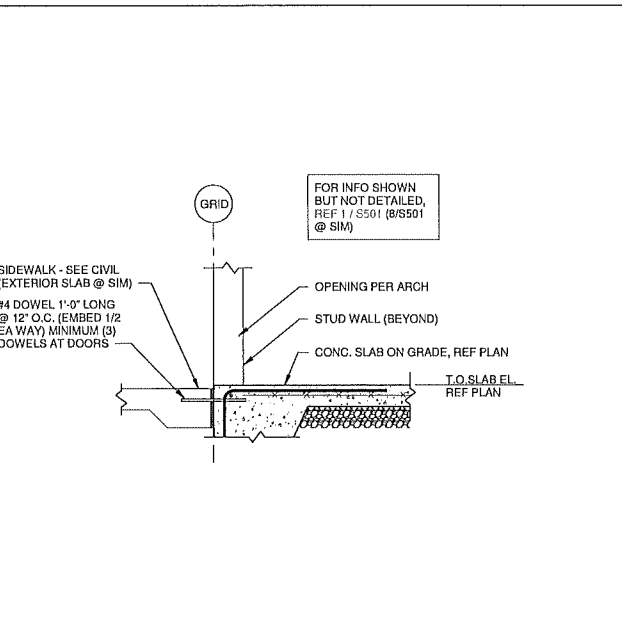
**3 SECTION @ WALL w/ WINDOW**  
3/4" = 1'-0"



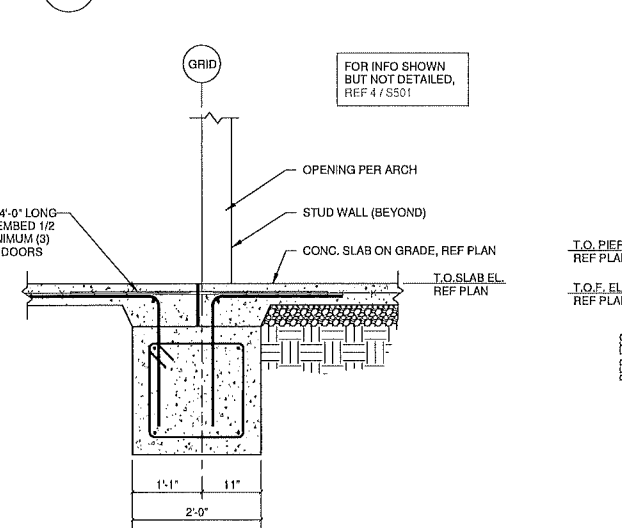
**7 SECTION @ EXTERIOR POST**  
3/4" = 1'-0"



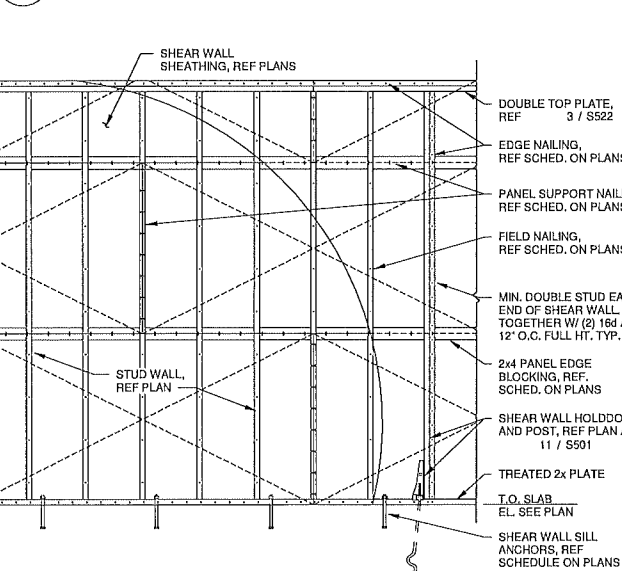
**11 SHEAR WALL HOLDDOWN**  
1 1/2" = 1'-0"



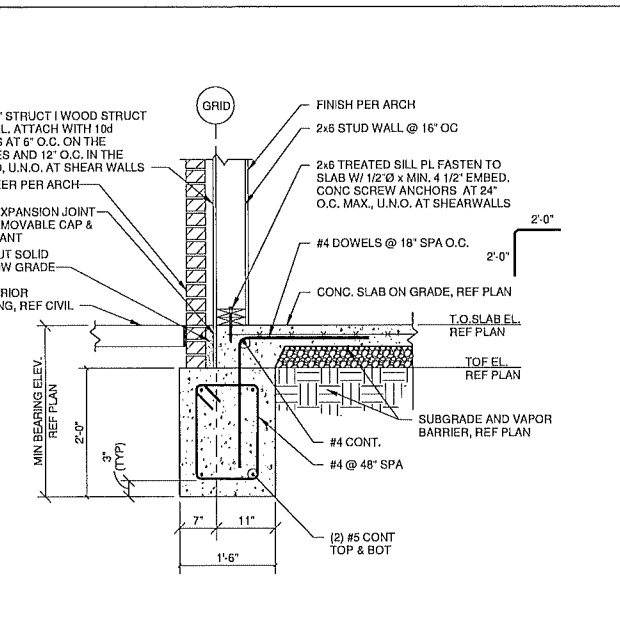
**2 SECTION @ DOOR**  
3/4" = 1'-0"



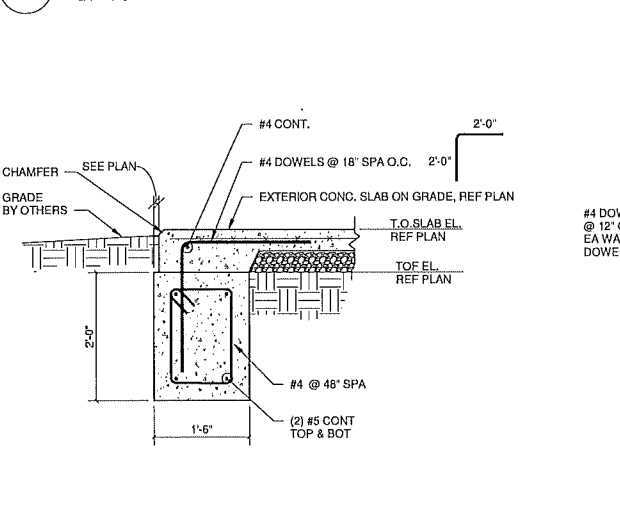
**6 SECTION @ WALL OPENING**  
3/4" = 1'-0"



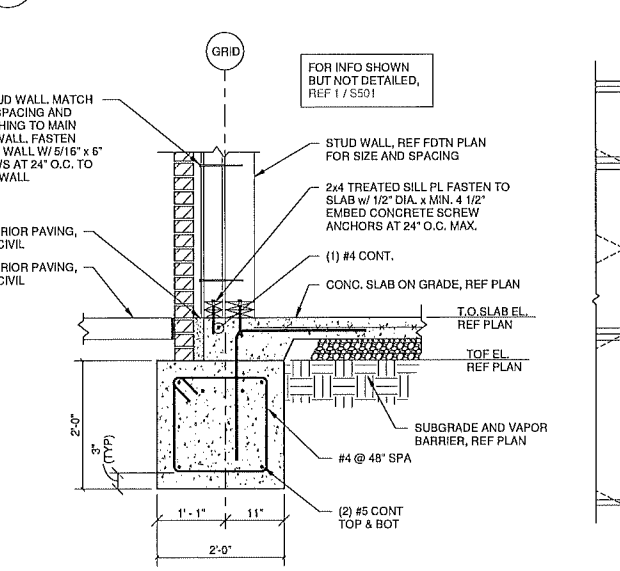
**10 SHEAR WALL ELEVATION**  
1/2" = 1'-0"



**1 SECTION @ WALL**  
3/4" = 1'-0"



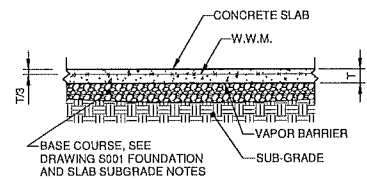
**5 SECTION @ EXTERIOR SLAB EDGE**  
3/4" = 1'-0"



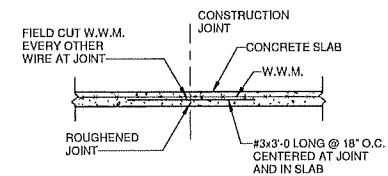
**9 SECTION @ WALL BUMP OUT**  
3/4" = 1'-0"

PROJECT: 242477-010  
 SHEET: FOUNDATION SECTIONS  
 DATE: 10/30/24  
 DRAWN BY: REA  
 CHECKED BY: KJW  
 PROJECT LOCATION: 14583 POTRACO ROAD, SAN ANTONIO, TX 78253

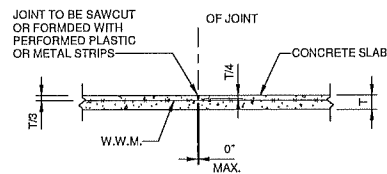




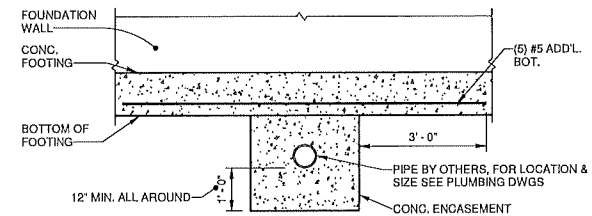
1A SLAB CONSTRUCTION  
1/2" = 1'-0"



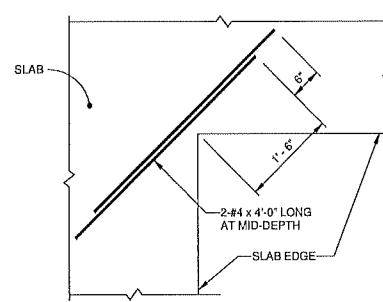
2 SLAB CONSTRUCTION JOINT  
1/2" = 1'-0"



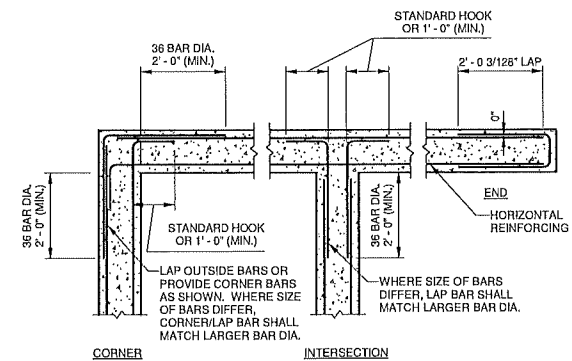
1B SLAB SAWCUT JOINT  
1/2" = 1'-0"



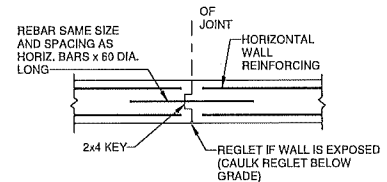
3 PIPE BELOW FOOTING  
1/2" = 1'-0"



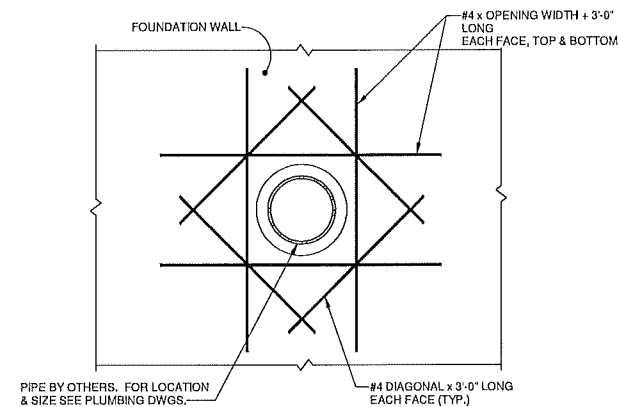
4 RE-ENTRANT CORNER REINFORCING  
3/4" = 1'-0"



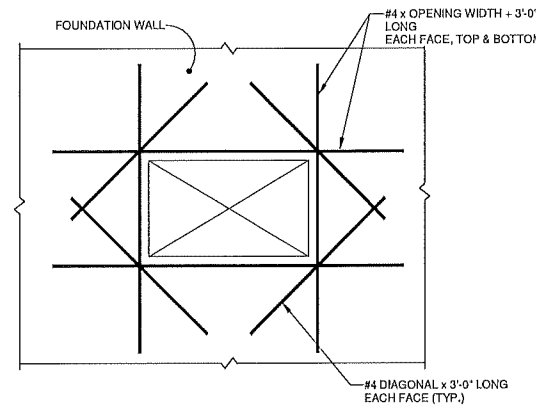
5 HORIZONTAL REINFORCING  
1/2" = 1'-0"



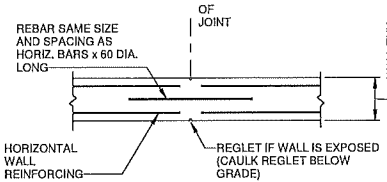
6A WALL CONSTRUCTION JOINT  
1/2" = 1'-0"



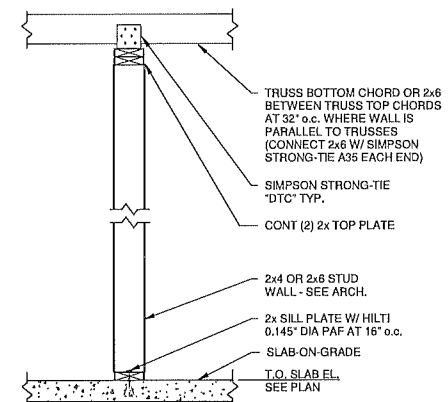
7 FND. WALL PIPE SLEEVE REINF.  
3/4" = 1'-0"



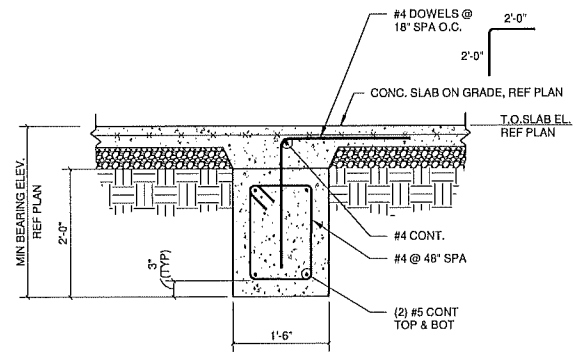
8 FND. WALL BOX-OUT REINF.  
3/4" = 1'-0"



6B WALL CONTROL JOINT  
1/2" = 1'-0"



9 INTERIOR PARTITION WALLS  
3/4" = 1'-0"



10 SECTION @ INTERIOR  
3/4" = 1'-0"



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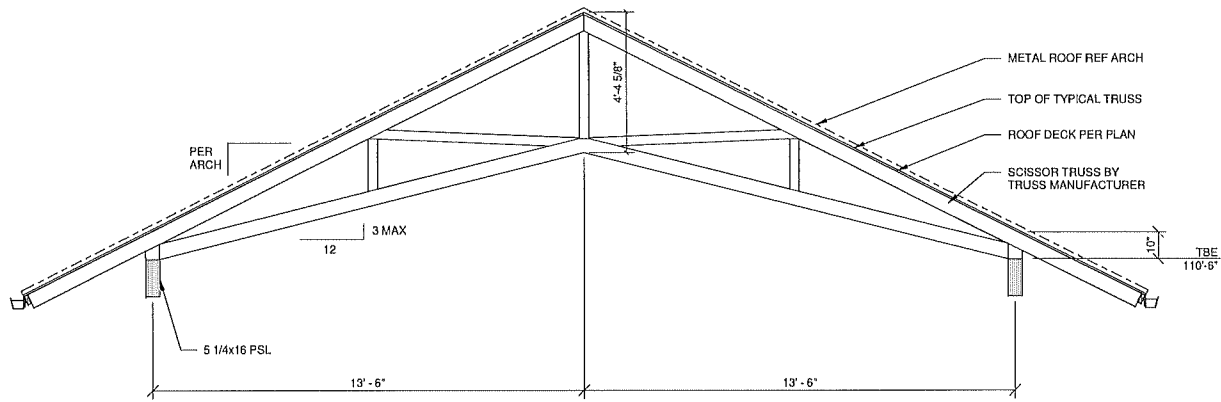
FOUNDATION &  
INTERIOR FRAMING  
DETAILS

SHEET:  
S502

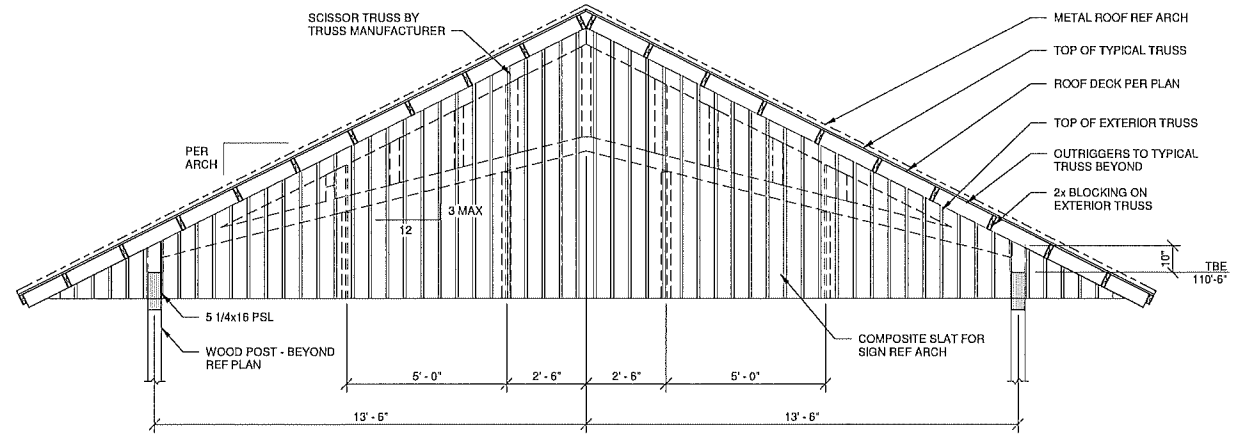
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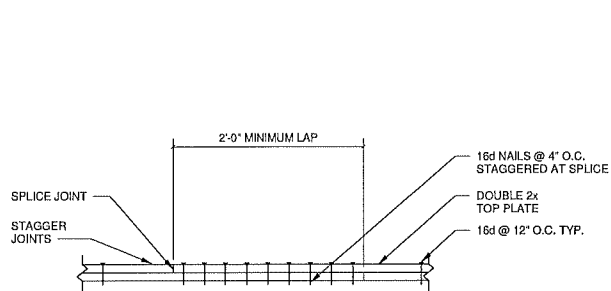




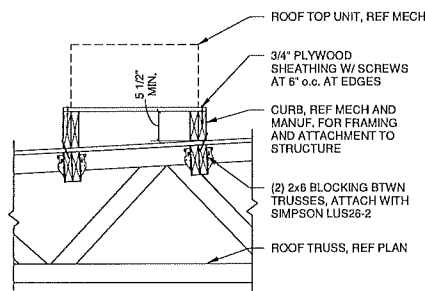
1 PATIO TRUSS ELEVATION - TYPICAL  
3/8" = 1'-0"



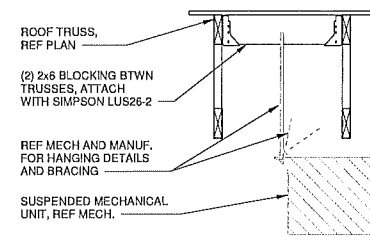
2 PATIO TRUSS - EXTERIOR  
3/8" = 1'-0"



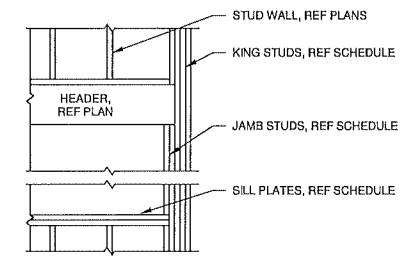
3 CHORD SPLICE  
3/4" = 1'-0"



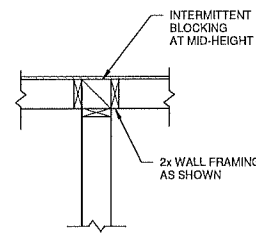
4 RTU CURB SUPPORT  
3/4" = 1'-0"



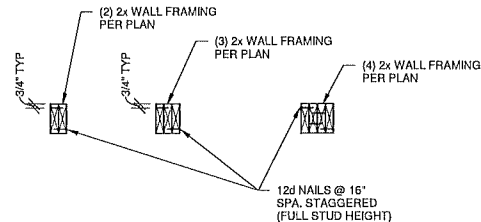
5 HANGING EQUIPMENT SUPPORT  
3/4" = 1'-0"



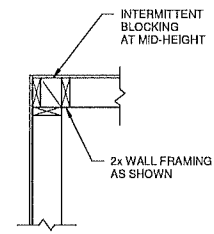
6 HEADER / SILL FRAMING  
1/2" = 1'-0"



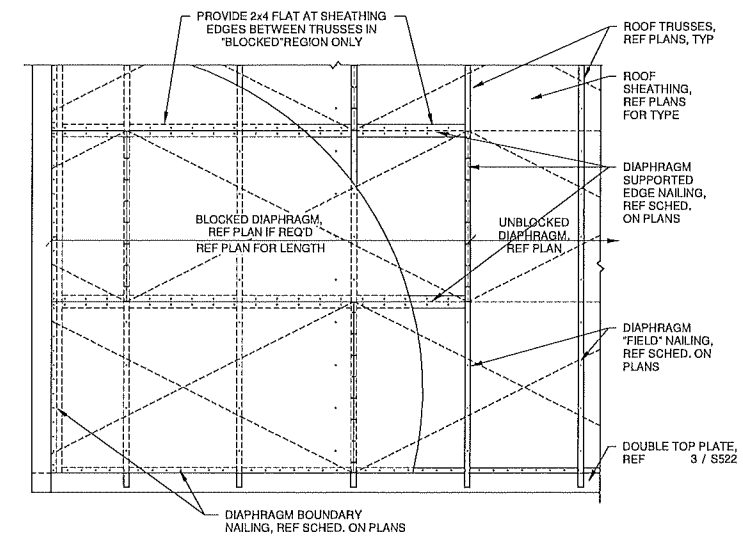
7 STUD WALL "T" DETAIL  
3/4" = 1'-0"



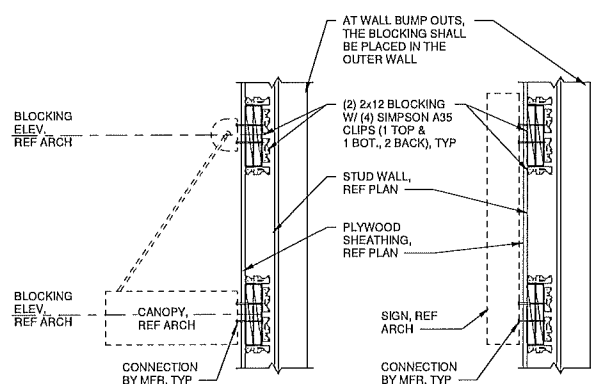
8 BUILT-UP COLUMN DETAIL  
3/4" = 1'-0"



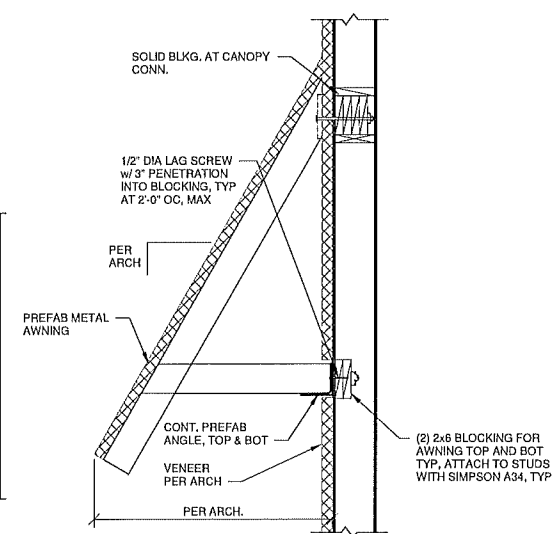
9 STUD WALL CORNER DETAIL  
3/4" = 1'-0"



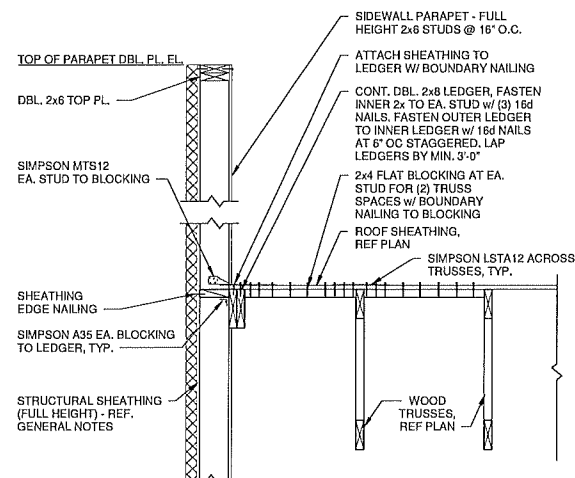
10 ROOF DIAPHRAGM PLAN  
1/2" = 1'-0"



11 SECTION @ CANOPY & SIGNS  
3/4" = 1'-0"



12 [CONTRACTOR OPTION] SECTION @ SIDE WALLS  
3/4" = 1'-0"



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MISC. FRAMING DETAILS

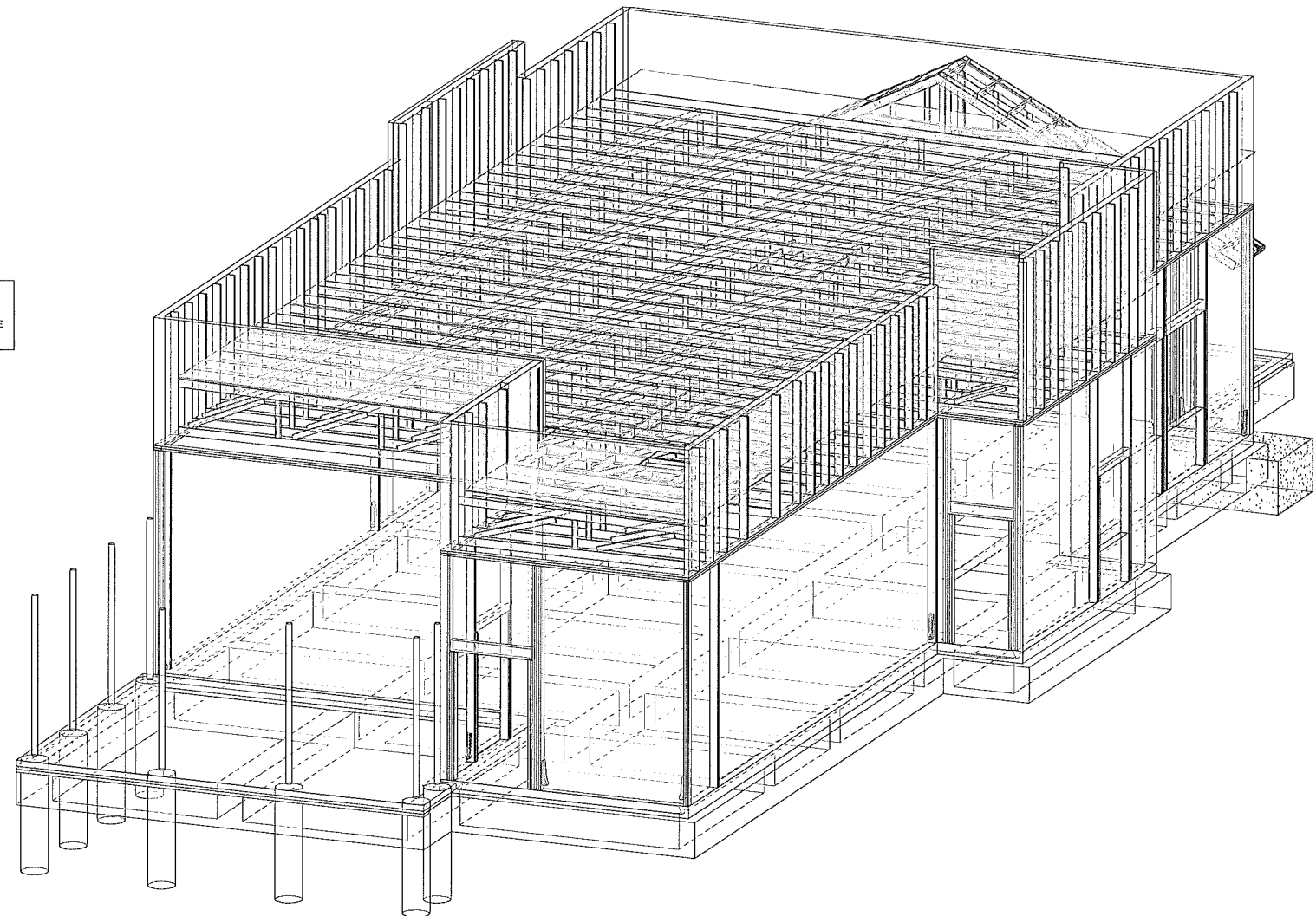
SHEET:  
S522

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1 ISOMETRIC VIEW 1

NOTE:  
NOT ALL STRUCTURAL ITEMS ARE  
SHOWN IN THIS VIEW FOR CLARITY.  
PLANS AND DETAILS TAKE PRECEDENCE  
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2 ISOMETRIC VIEW 2



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ISOMETRIC  
VIEWS

SHEET:  
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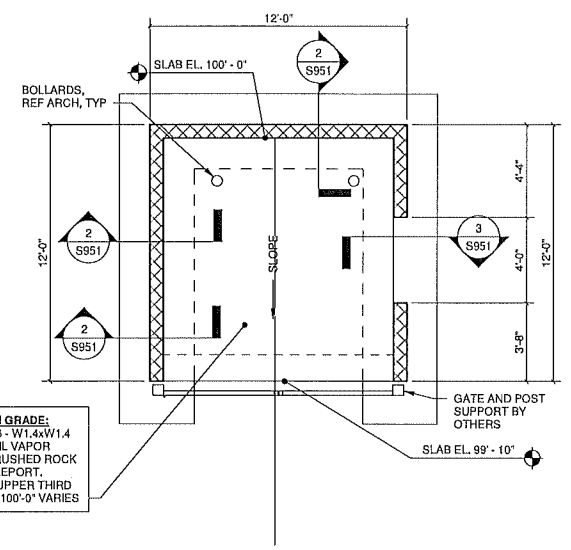
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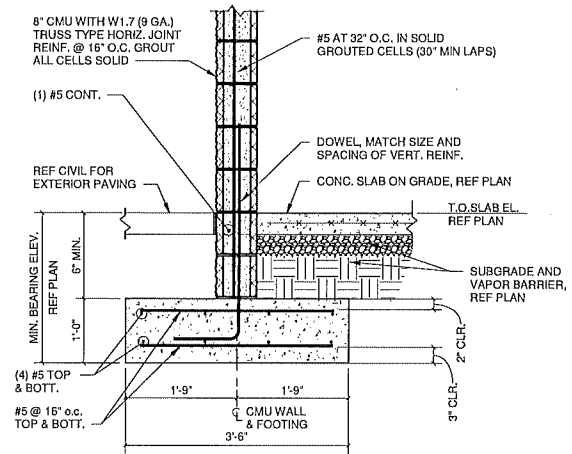
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**DUMPSTER  
 DETAILS**

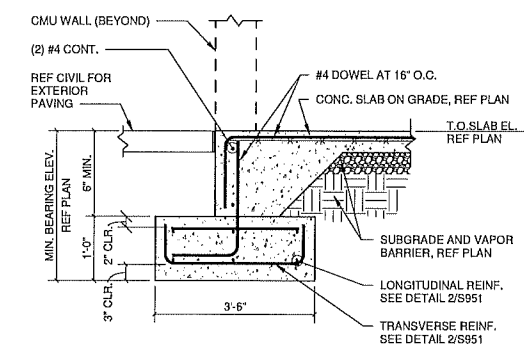
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**S951**



**1 REFUSE FOUNDATION PLAN**  
 1/4" = 1'-0"

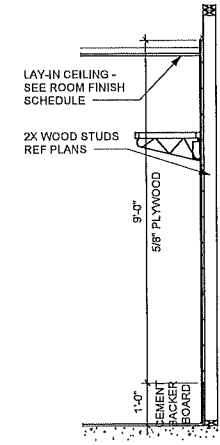


**2 SECTION AT DUMPSTER ENCLOSURE**  
 3/4" = 1'-0"

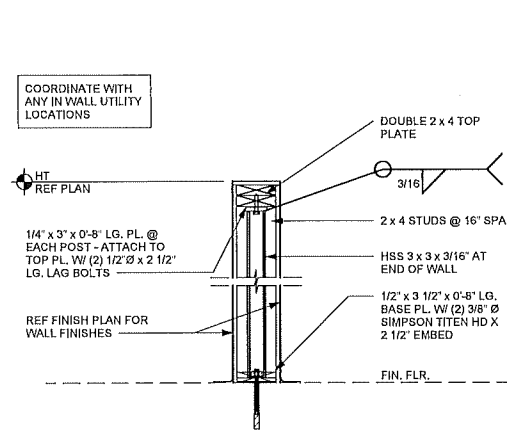


**3 SECTION AT DOOR**  
 3/4" = 1'-0"

PROJECT: S951.DWG  
 C:\Users\jwilgzek\Documents\Projects\2024\10\30\24\S951-DUMPSTER DETAILS



**3** BLOCKING DETAIL - KITCHEN  
1/2" = 1'-0"



**2** WING WALL SUPPORT POST  
1" = 1'-0"

**PARTITION LEGEND**

NUMBER INDICATES STUD HEIGHT (IN FEET), NO NUMBER INDICATES TO DECK/STRUCTURE

6 - NUMBER INDICATES STUD SIZE

REFERENCE SIDE

OPPOSITE SIDE

4 - 2x4 WOOD STUD / 3 5/8\"/>

6 - 2x6 WOOD STUD

INDICATES WOOD STUD WALL

INDICATES BRICK WALL

INDICATES STUD WALL W BATT INSULATION

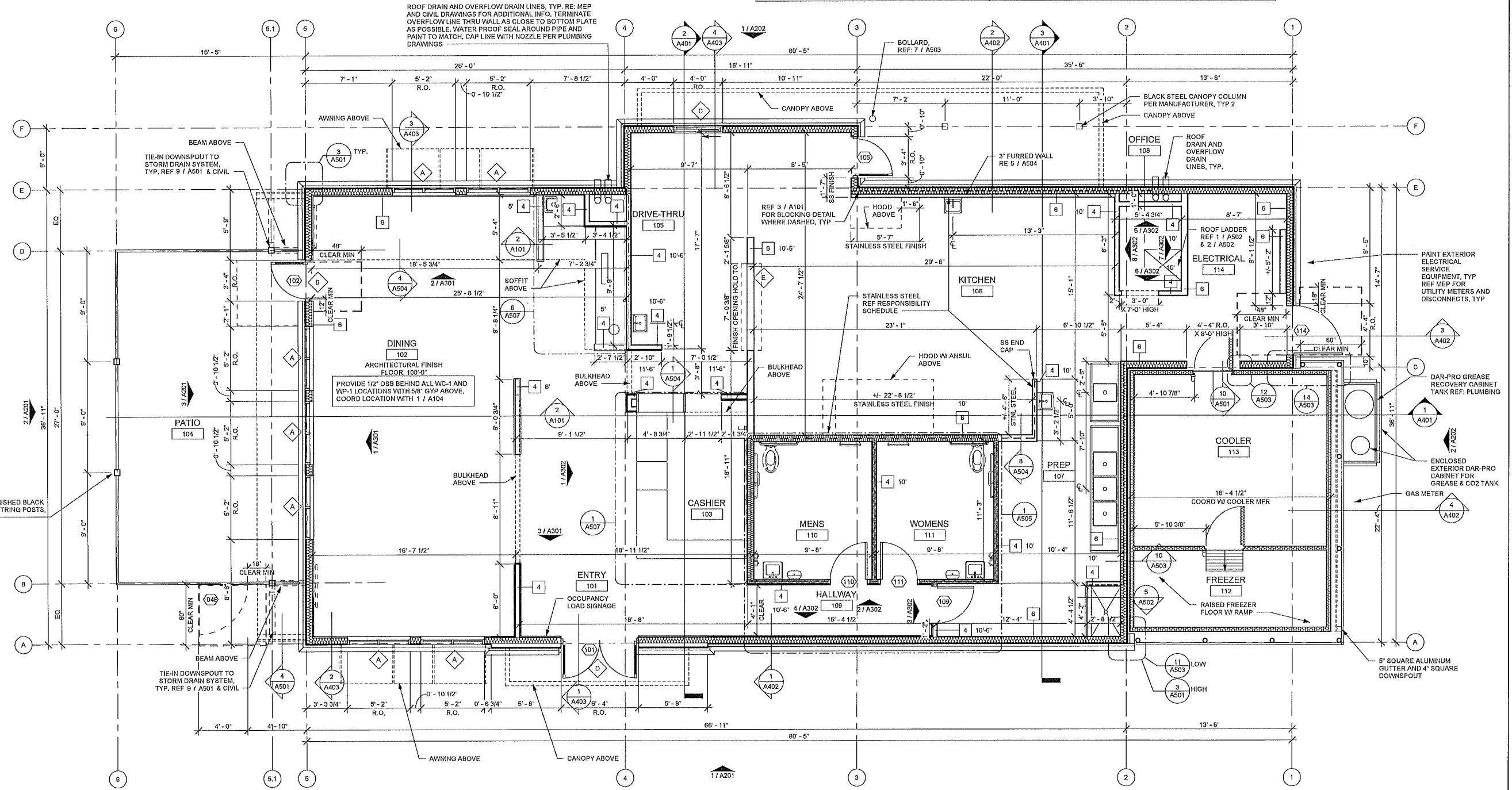
INDICATES FREEZER OR COOLER PANEL

INDICATES METAL STUD WALL WITH 1/2\"/>

INDICATES BLOCKING, REF 3-A101 REFER TO KITCHEN PLANS FOR FULL EXTENTS

- PARTITION NOTES**
- SEE FLOOR PLAN FOR TYPE NOTATION.
  - THESE TYPES INDICATE PRIMARY INTERIOR PARTITIONS, EXTERIOR WALLS, OVERLAIN VENEERS, WAINSCOTS, PLASTERS AND OTHER VARIANTS AND SPECIAL CONDITIONS ARE INDICATED ON THE PLANS AND DETAILS.
  - ALL WALLS THAT CONTAIN OR ARE ADJACENT TO PLUMBING FIXTURES SHALL RECEIVE MOISTURE RESISTANT GYP BOARD.
  - PROVIDE PLYWOOD SHEATHING IN KITCHEN, OFFICE, AND DRIVE-THRU IN LIEU OF BLOCKING AND GYP BD, REF 3-A101
  - BRACE TOP OF INTERIOR NON-LOAD-BEARING WALLS WITH 45 DEGREE DIAGONAL 2x6 STUD BRACE NAILED TO THE ROOF FRAMING ABOVE, ATTACH STUD BRACE TO TOP OF WALL WITH (2) 10D NAILS AND SPACE AT 4\"/>
  - EXTERIOR WALLS DIMENSIONED TO OUTSIDE FACE OF SHEATHING AND INTERIOR WALLS DIMENSIONED TO EDGE OF FRAMING, TYP. EDGE OF SLAB ALIGNED WITH OUTSIDE FACE OF EXTERIOR SHEATHING, TYP. GRID LINES ALIGNED WITH OUTSIDE FACE OF SHEATHING / SLAB, TYP.
  - INTERIOR SHEATHING TO EXTEND 6\"/>
  - REFERENCE FINISH SCHEDULE FOR WALL / FLOOR FINISH INFORMATION.
  - BOTTOM PLATE OF ALL INTERIOR SILL PLATES TO BE CONSTRUCTED OF PRESERVATIVE-TREATED WOOD IN ACCORDANCE WITH AVPA.
  - REFERENCE STRUCTURAL FOR SHEAR WALL LOCATIONS.
  - NON-COMBUSTIBLE WALL ASSEMBLY AND FINISHES TO EXTEND 18\"/>

- GENERAL NOTES**
- REFERENCE KITCHEN SHEETS FOR FOR EQUIPMENT INFORMATION.
  - REFER TO A503 FOR DUMPSTER ENCLOSURE
  - ALL FURNITURE AT DINING AND PATIO AREAS BY EQUIPMENT PROVIDER
  - ALL HAND WASHING SINKS SHALL HAVE SOAP AND PAPER TOWEL DISPENSERS AND PROPER HAND WASHING SIGNAGE INSTALLED. REFER TO SHEET A505 FOR RESTROOM ACCESSORIES.



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



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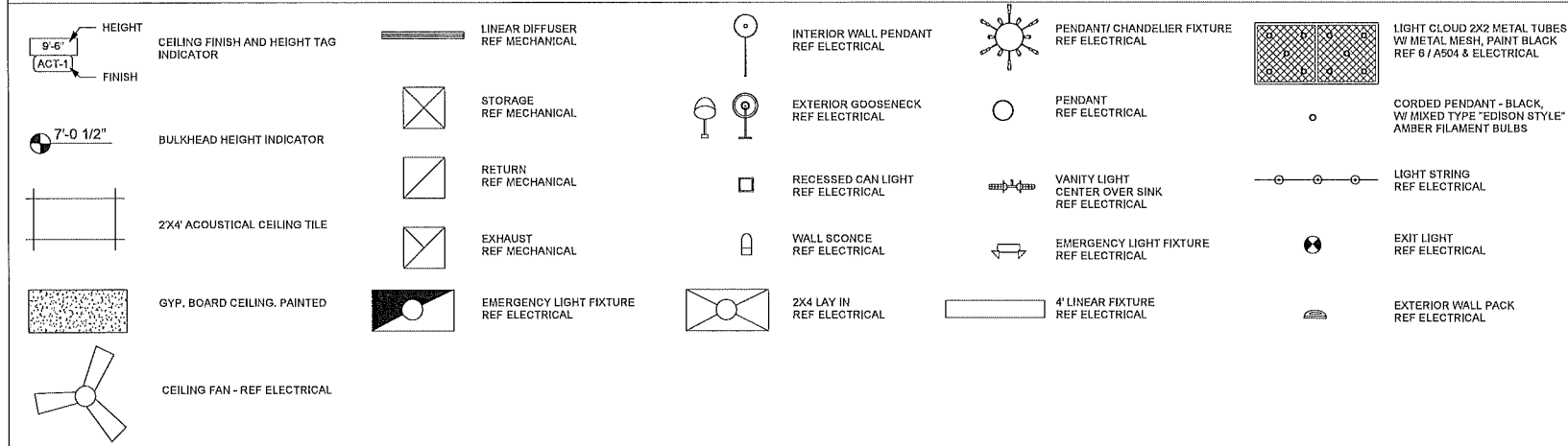
ARCHITECT OF RECORD

**FLOOR PLAN**

SHEET:  
**A101**

10/30/24 10:07:28 AM C:\Documents\DavidP\Fries\Arch\Projects\TX\LFY\_ARCH\_2024\mep\mep.dwg 10/30/24 10:07:28 AM

CEILING LEGEND



SHEET NOTES

1. REFERENCE ELECTRICAL LIGHTING PLANS AND SCHEDULES FOR ALL LIGHT FIXTURE MOUNTING AND MODEL INFORMATION.
2. SEE MECHANICAL FOR ALL ELEMENT LOCATIONS AND SIZES.
3. ALL SUSPENDED CEILING TO HANG FROM ROOF STRUCTURE.
4. PROVIDE 2X4 BLOCKING BETWEEN TRUSSES TO MOUNT PENDANT LIGHTING IN DINING AREA AS NEEDED. BLOCKING TO BE PAINTED P-3
5. GC TO COORDINATE PENDANT LIGHT POSITIONS ACCORDING TO TABLE/ FURNITURE LAYOUT.
6. REF A105 FOR FINISH SCHEDULE



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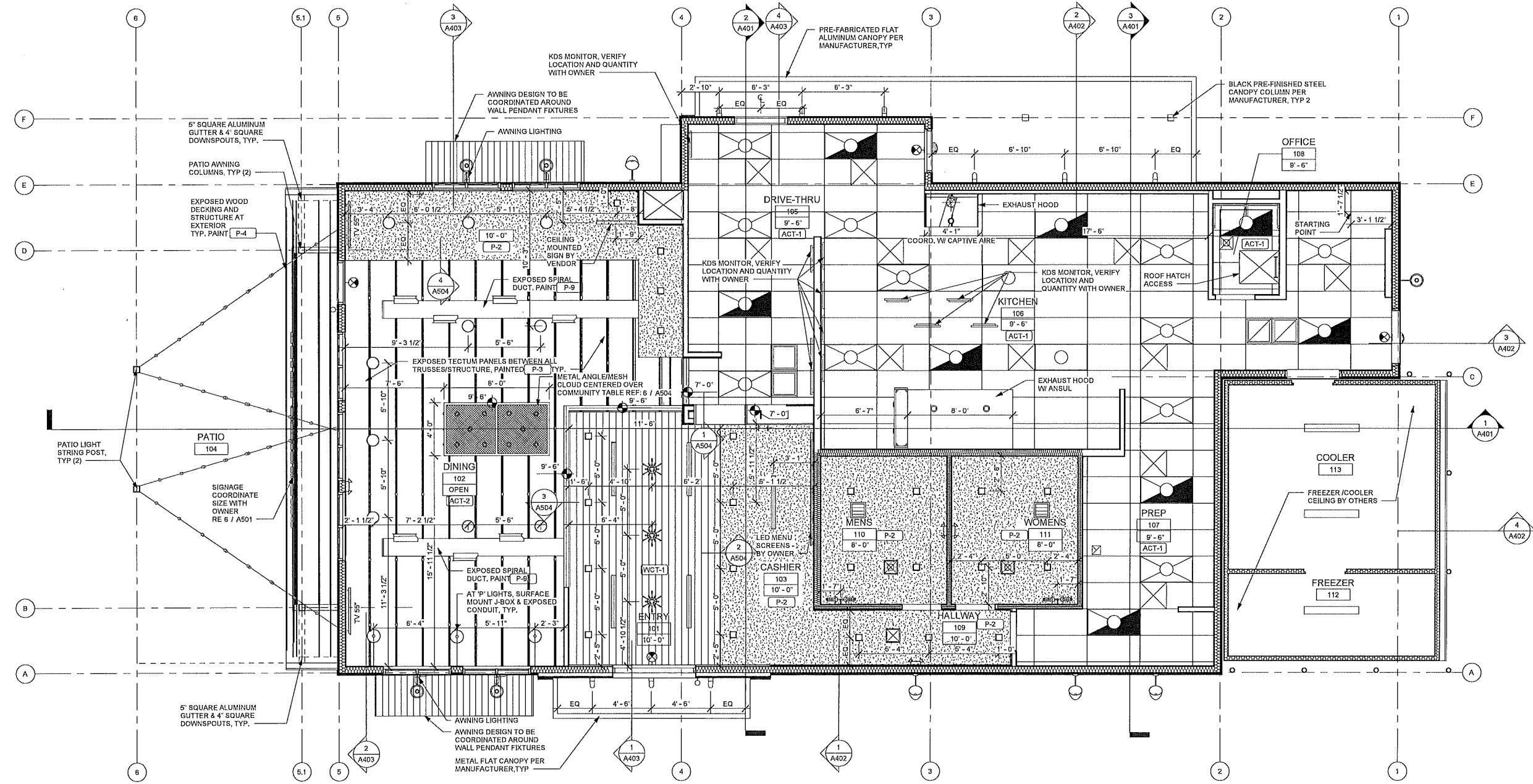
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ARCHITECT OF RECORD  
REFLECTED CEILING PLAN

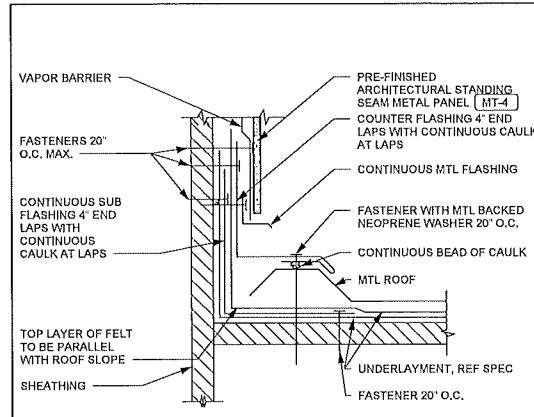
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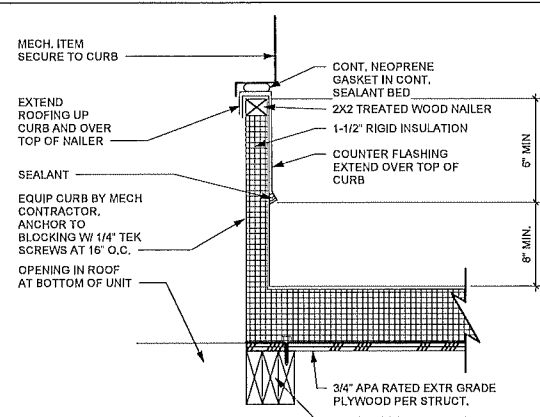
1 REFLECTED CEILING PLAN  
1/4" = 1'-0"

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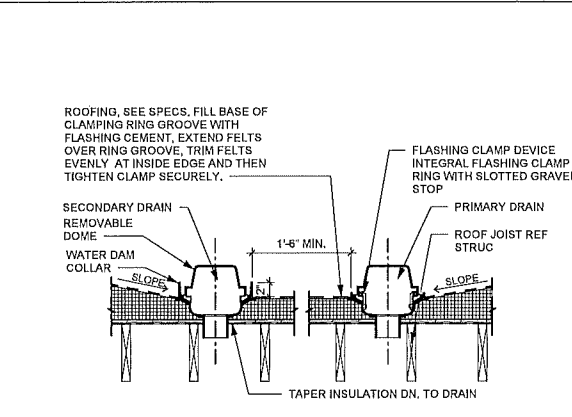




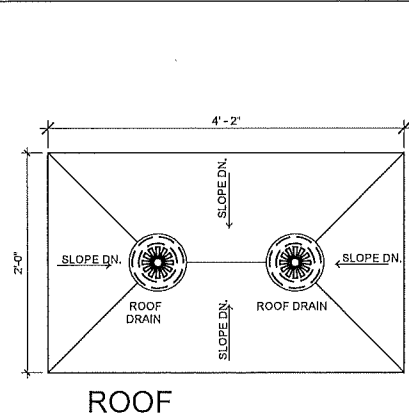
**5 METAL ROOF FLASHING**  
3" = 1'-0"



**4 TYPICAL ROOF CURB DETAIL**  
1 1/2" = 1'-0"



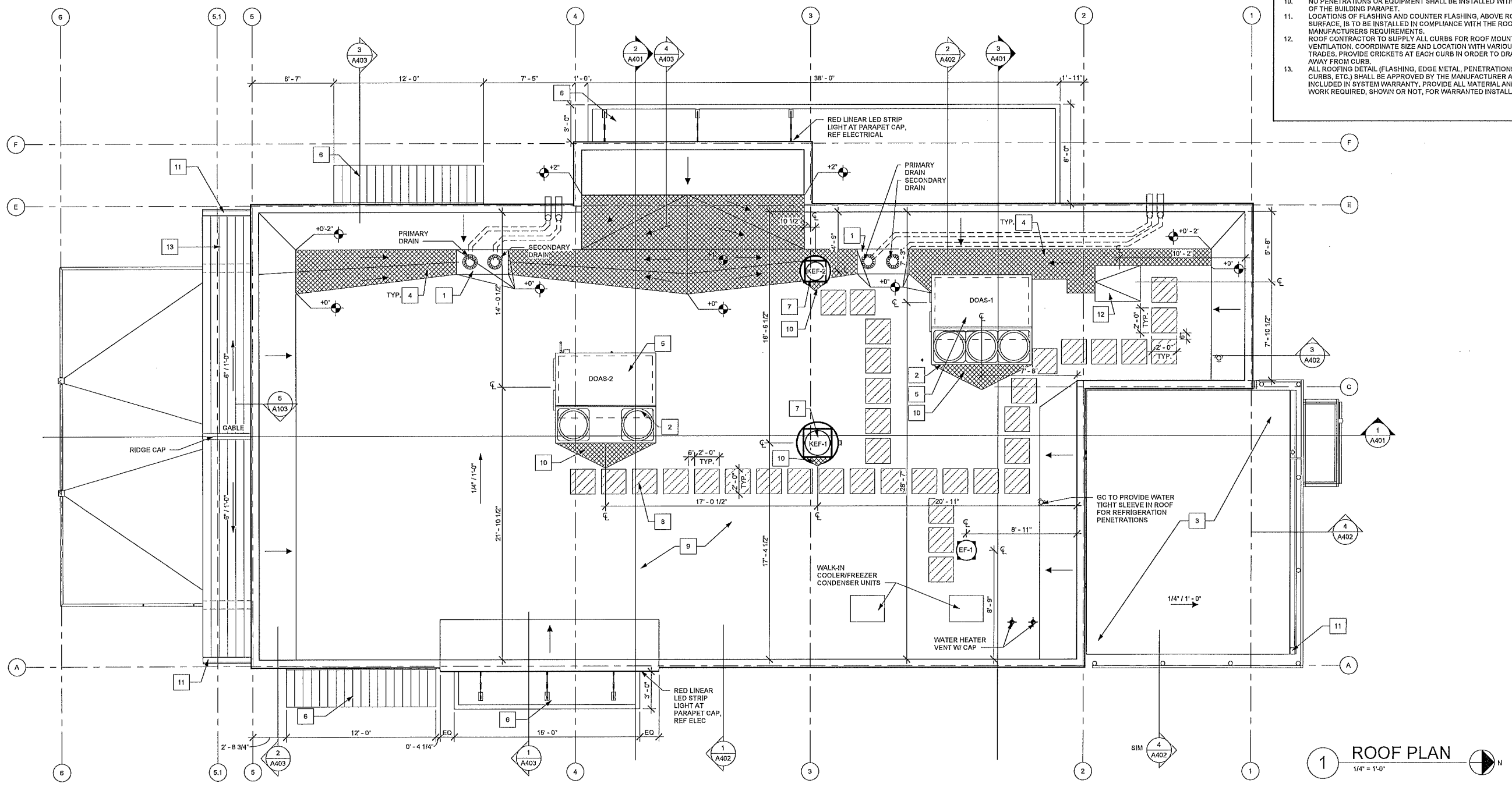
**3 ROOF DRAIN/OVERFLOW SECTION DETAIL**  
1" = 1'-0"



**2 ROOF DRAIN/OVERFLOW PLAN-DETAIL**  
1" = 1'-0"

ROOF PLAN KEYNOTES			
1	ROOF DRAIN LOCATION W/ TAPERED INSULATION SYSTEM. RE: 2 / A103 & 3 / A103	8	WALKWAY PADS
2	PROVIDE BLOCKING & TAPERED SHIMMING BELOW ROOF CURBS TO SUPPORT & LEVEL. RE: 4 / A103	9	ROOFING SYSTEM RE: SPECS
3	ROOF MEMBRANE ON TAPERED INSULATION OVER COOLER/FREEZER ROOF	10	CRICKET
4	TAPERED INSULATION	11	5" SQUARE ALUMINUM GUTTERS AND 4" SQUARE DOWNSPOUTS
5	DOAS UNIT RE: MEP	12	ROOF HATCH, REF 2 / A502
6	METAL AWNING & CANOPY	13	R-PANEL METAL ROOF
7	EXHAUST FAN, RE: MEP		

- GENERAL NOTES**
- PROVIDE 2 - 2X6 BLOCKING AROUND ALL ROOF DECK OPENINGS & UNDER ROOF CURBS, ROOF DRAINS, ETC.
  - COORDINATE ALL ROOF OPENINGS W/ HVAC CONTRACTOR. PROVIDE CONTINUOUS SHIMS TO LEVEL.
  - PROVIDE CRICKETS AT ALL ROOF PENETRATIONS AND AS INDICATED ON PLAN.
  - CONTRACTOR SHALL COORDINATE FRAME SIZE WITH EQUIPMENT DETAILS.
  - GO TO COORDINATE FINAL DOWNSPOUT LOCATION WITH ADJACENT UTILITIES.
  - ROOFING CONTRACTOR TO BE RESPONSIBLE FOR LOCATING AND DESIGNING ALL MEMBRANE CONTROL JOINTS.
  - ALL MECHANICAL UNITS AND ROOF MOUNTED EQUIPMENT SHALL BE SCREENED FROM VIEW BY THE BUILDING PARAPET.
  - ALL AREAS OF THE ROOF SURFACE SHALL MAINTAIN MINIMUM OF 1/4" PER FOOT SLOPE.
  - SEE MECHANICAL, PLUMBING, AND STRUCTURAL DOCUMENTS FOR ADDITIONAL ITEMS OF COORDINATION.
  - NO PENETRATIONS OR EQUIPMENT SHALL BE INSTALLED WITHIN 24" OF THE BUILDING PARAPET.
  - LOCATIONS OF FLASHING AND COUNTER FLASHING, ABOVE ROOF SURFACE, IS TO BE INSTALLED IN COMPLIANCE WITH THE ROOFING MANUFACTURERS REQUIREMENTS.
  - ROOF CONTRACTOR TO SUPPLY ALL CURBS FOR ROOF MOUNTED VENTILATION. COORDINATE SIZE AND LOCATION WITH VARIOUS TRADES. PROVIDE CRICKETS AT EACH CURB IN ORDER TO DRAIN AWAY FROM CURB.
  - ALL ROOFING DETAIL (FLASHING, EDGE METAL, PENETRATIONS, CURBS, ETC.) SHALL BE APPROVED BY THE MANUFACTURER AND INCLUDED IN SYSTEM WARRANTY. PROVIDE ALL MATERIAL AND WORK REQUIRED, SHOWN OR NOT, FOR WARRANTED INSTALLATION.



**1 ROOF PLAN**  
1/4" = 1'-0"



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**ROOF PLAN**  
SHEET: **A103**

SHEET NOTES

- REF A105 FOR FINISH SCHEDULE.



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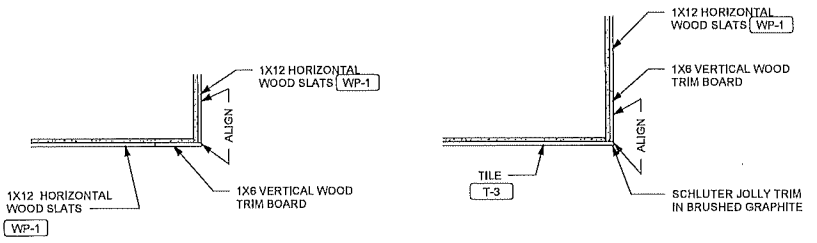
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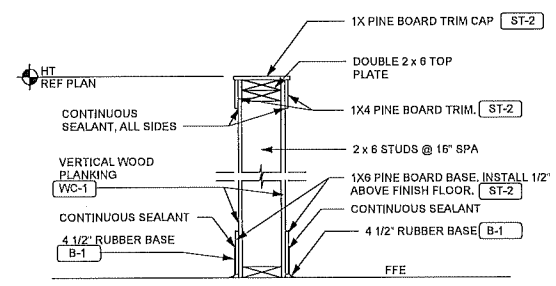


ARCHITECT OF RECORD  
FINISH PLAN

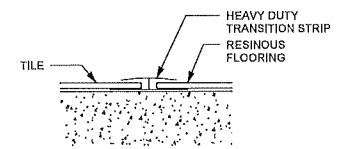
SHEET: A104



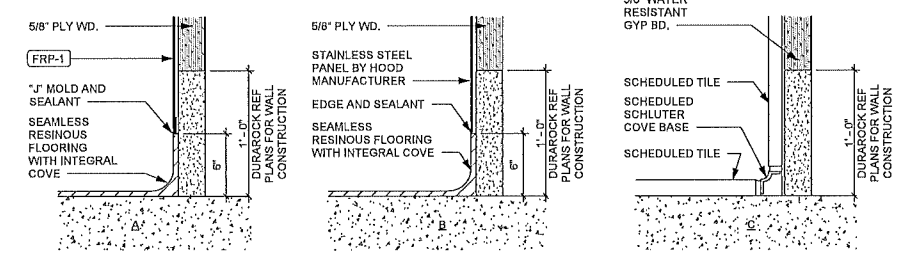
6 TRANSITION DETAIL  
1" = 1'-0"



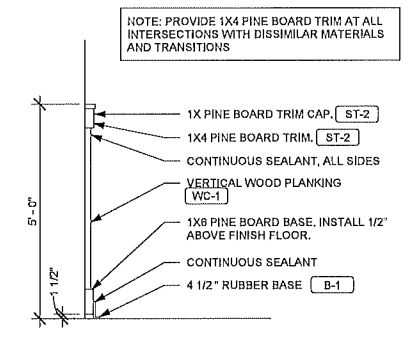
5 WING WALL FINISHES  
1" = 1'-0"



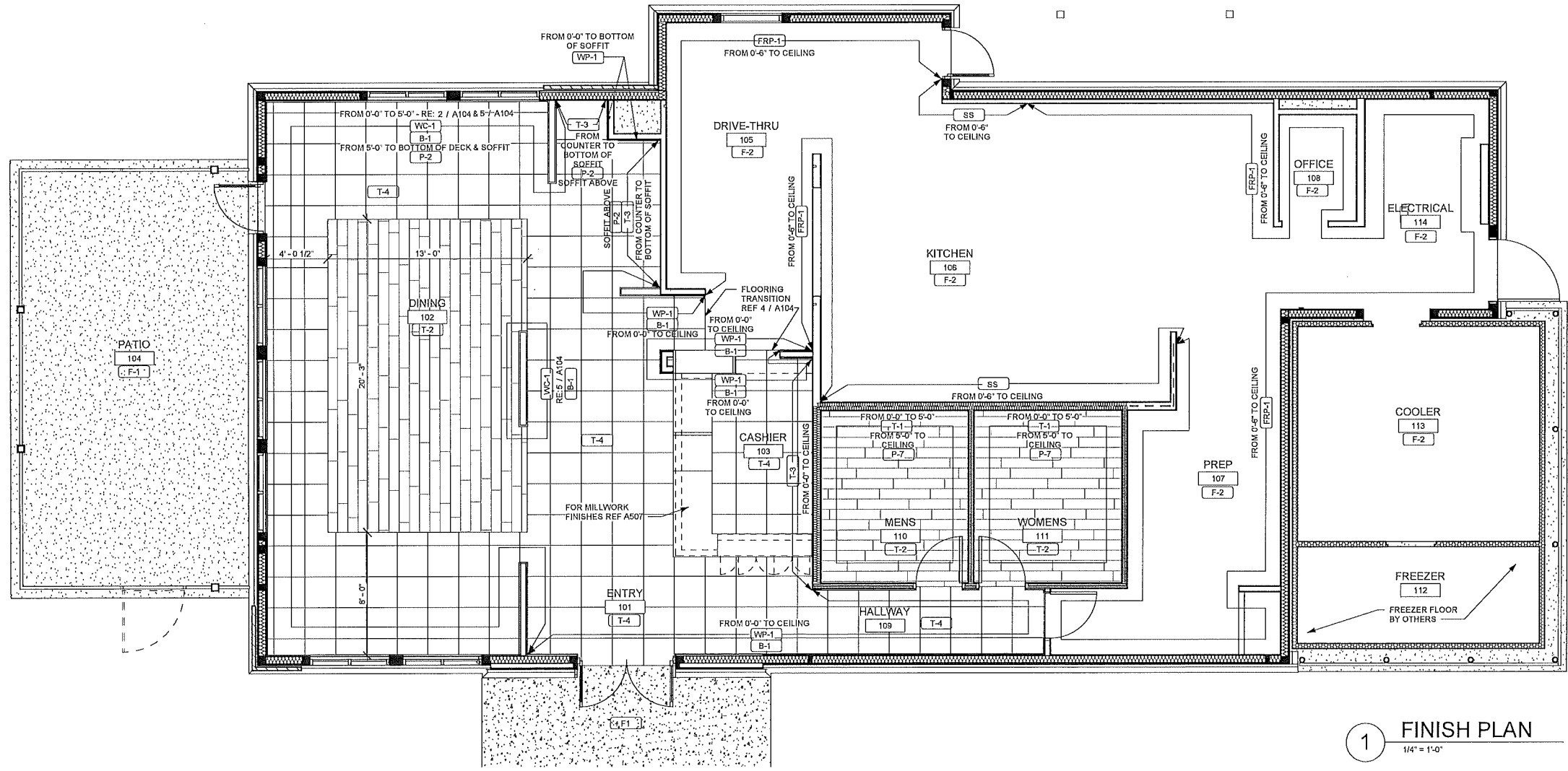
4 TRANSITION DETAIL  
6" = 1'-0"



3 BASE DETAILS  
6" = 1'-0"



2 INTERIOR WAINSCOT



1 FINISH PLAN  
1/4" = 1'-0"

C:\Users\rm\OneDrive\Documents\Projects\SLIM CHICKENS\A104.dwg 10/30/24 10:30:24 AM

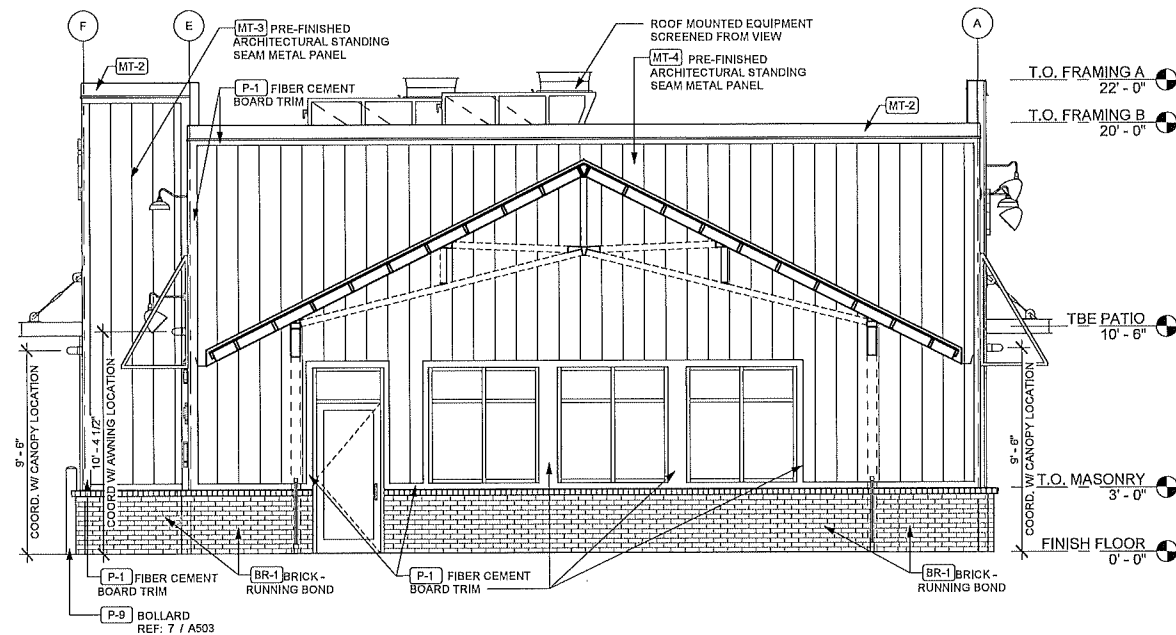


**SHEET NOTES**

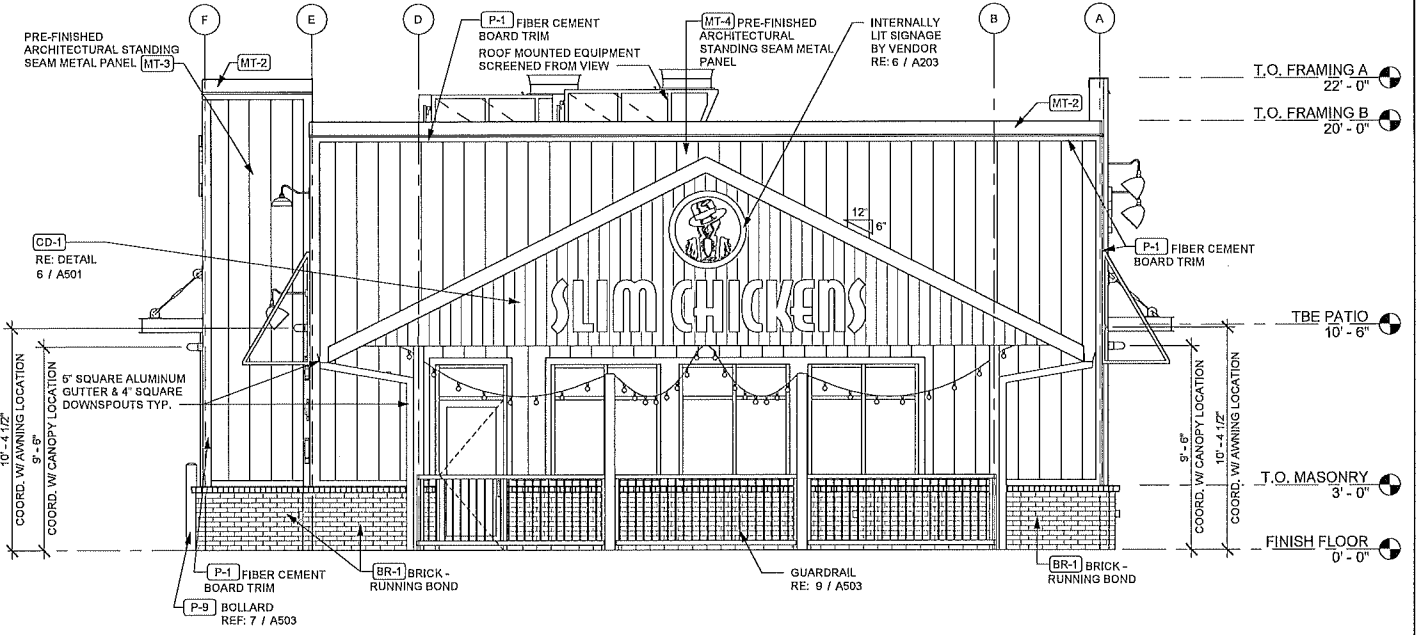
- REF A105 FOR FINISH SCHEDULE.
- SIGNAGE COMPANY TO PROVIDE A PYLON SIGN TO THE MAXIMUM EXTENTS ALLOWED BY THE AHJ.
- BUILDING SIGNAGE IS SUBJECT TO AHJ TO DETERMINE FINAL SIZES. SIZES SHOWN ARE STANDARD AND CAN BE CHANGED AS NEEDED. DESIGN FOR MAXIMUM ALLOWABLE SIGNAGE AREA. IF AHJ DOES NOT ALLOW ALL SIGNAGE, PRIORITY SHOULD BE PLACED ON INTERNALLY LIT SIGNAGE AND THEN BUILDING GRAPHICS AS ALLOWED.



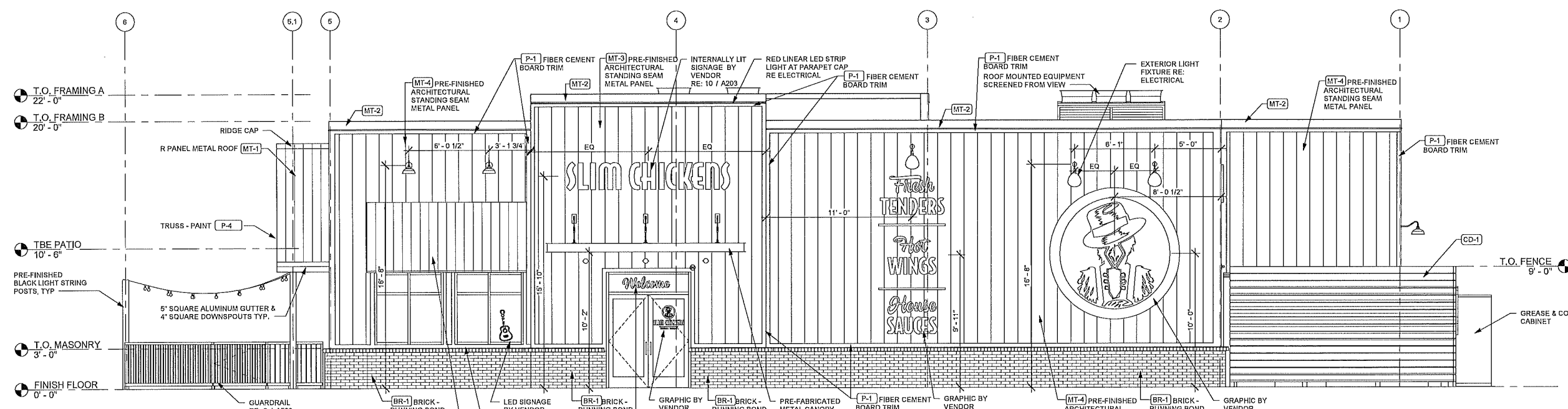
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**3 FRONT ELEVATION**  
1/4" = 1'-0"



**2 FRONT ELEVATION**  
1/4" = 1'-0"



**1 ENTRY ELEVATION**  
1/4" = 1'-0"

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**SLIM CHICKENS**  
14583 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253  
DATE: 10/30/24

**ISSUE BLOCK**

NO.	DESCRIPTION	DATE

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PROTO CYCLE: 02/07/24



ARCHITECT OF RECORD  
**EXTERIOR ELEVATIONS**

SHEET: **A201**

10/30/24 10:58:58 AM  
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 14583 POTRANCO ROAD SAN ANTONIO (POTRANCO) TX 78253

**SHEET NOTES**

1. REF A105 FOR FINISH SCHEDULE.
2. SIGNAGE COMPANY TO PROVIDE A PYLON SIGN TO THE MAXIMUM EXTENTS ALLOWED BY THE AHJ.
3. BUILDING SIGNAGE IS SUBJECT TO AHJ TO DETERMINE FINAL SIZES. SIZES SHOWN ARE STANDARD AND CAN BE CHANGED AS NEEDED. DESIGN FOR MAXIMUM ALLOWABLE SIGNAGE AREA. IF AHJ DOES NOT ALLOW ALL SIGNAGE, PRIORITY SHOULD BE PLACED ON INTERNALLY LIT SIGNAGE AND THEN BUILDING GRAPHICS AS ALLOWED.



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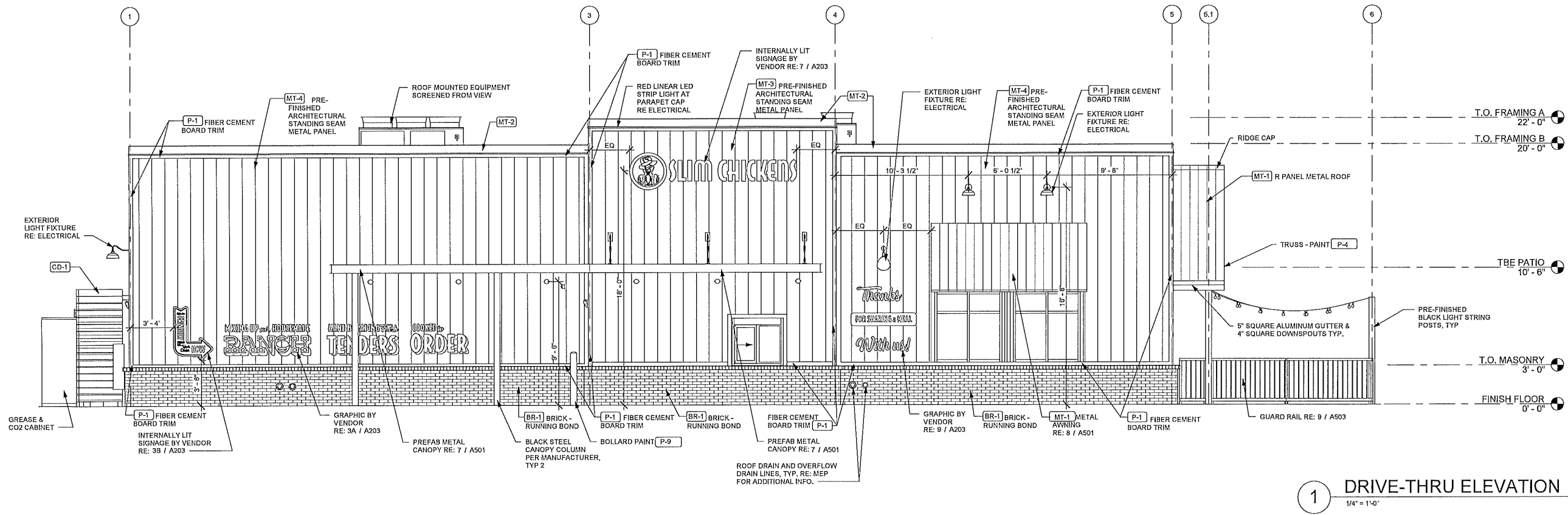
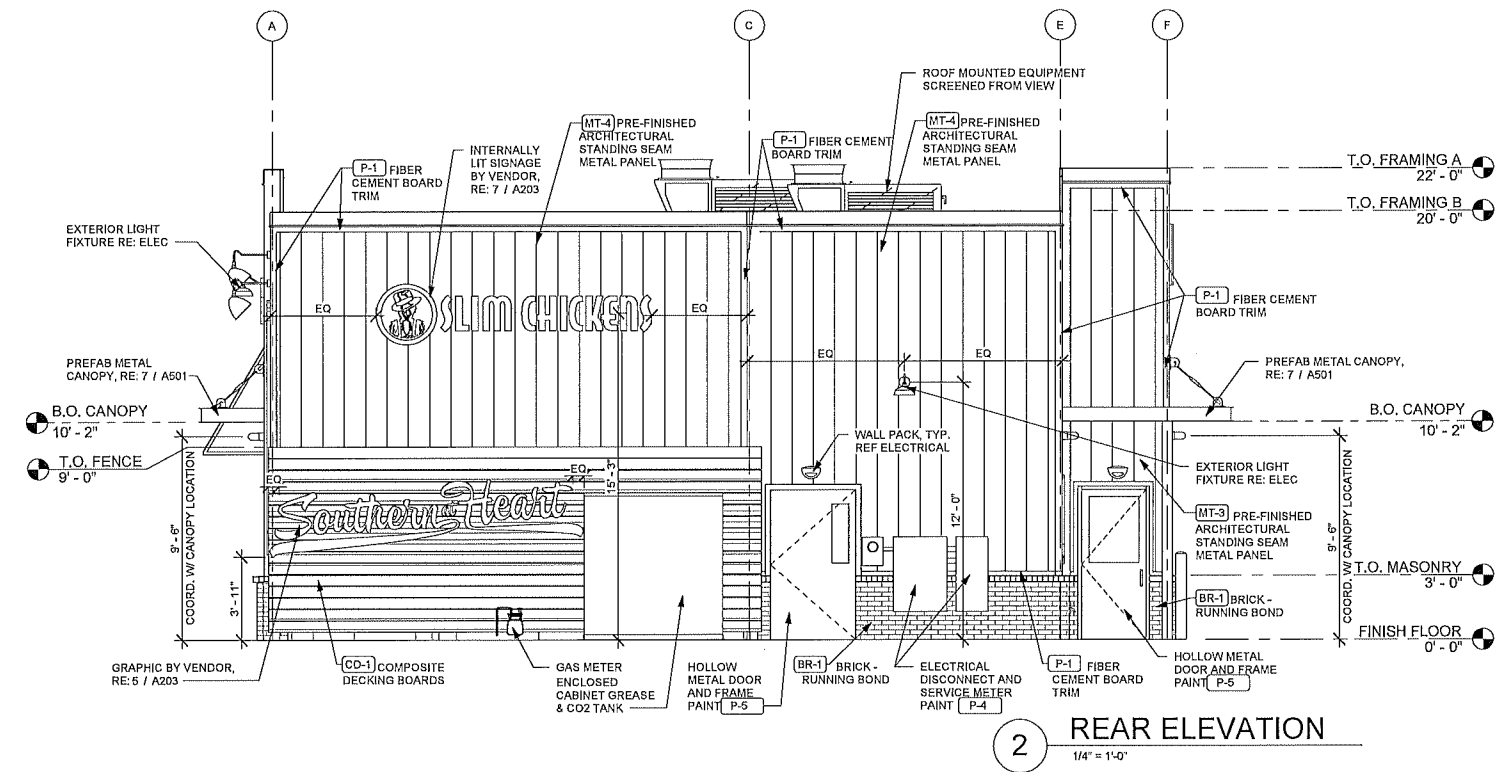
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PROTO CYCLE: 02/07/24



ARCHITECT OF RECORD  
**EXTERIOR ELEVATIONS**

SHEET:  
**A202**



10/30/24 10:58 AM  
S:\Projects\2024\103024-Slim Chickens\_San Antonio (Potranco)\_TX\LEFT\_A202\_Exterior Elevations.dwg  
A202-EXTERIOR ELEVATIONS

**SIGN SPECIFICATIONS**

- BUILDING SIGNS: PROVIDE CONDUIT AND WIRE FROM ELECTRICAL PANEL TO THE SIGN. THE CONDUIT IS TO BE 1" AND HAVE ONE SET OF 10/2 WIRE WITH GROUND.
- FINAL ELECTRICAL CONNECTIONS FOR SIGN SHALL BE THE SIGN VENDORS RESPONSIBILITY SINCE THE J BOX AND WIRES ARE IN PLACE.

**GENERAL NOTES**

- BUILDING SIGNAGE IS SUBJECT TO AHJ TO DETERMINE FINAL SIZES. SIZES SHOWN ARE STANDARD AND CAN BE CHANGED AS NEEDED. ARCHITECT SHOULD DESIGN FOR MAXIMUM ALLOWABLE SIGNAGE AREA. IF AHJ DOES NOT ALLOW ALL SIGNAGE, PRIORITY SHOULD BE PLACED ON INTERNALLY LIT SIGNAGE AND THEN BUILDING GRAPHICS AS ALLOWED. ALL SIGNAGE SHALL BE UNDER A SEPARATE SIGN PERMIT

**BUILDING SIGNAGE**

SIGN	OVERALL SIZE	SIGN SQFT.
STACKED LOGO	6'-6" X 14'-8"	48
MAIN LOGO WITH MEDALLION	2'-9" X 12'-4" (X2)	68
SLIM CHICKENS LOGO	2'-0" X 11'-6"	23
DRIVE-THRU ARROW	3'-1" X 4'-1 1/2"	6
	TOTAL	145

**BUILDING GRAPHICS**

GRAPHIC	OVERALL SIZE	GRAPHIC SQFT.
ROUND	8'-0" X 8'-0"	50
DRIVE-THRU (RANCH, TENDERS, ORDER)	2'-5" X 16'-10"	33
TENDERS, WINGS, SAUCES	5'-0" X 11'-11"	60
SOUTHERN AT HEART	3'-6" X 14'-0"	49
ENTRY DOOR	1'-10" X 2'-3"	2
WELCOME	1'-0" X 3'-7"	16
THANKS FOR SHARING	5'-0" X 5'-0"	25
	TOTAL	235

**SIGNAGE COVERAGE**

ELEVATION	ELEVATION SQFT.	SIGNAGE SQFT.	COVERAGE %
FRONT	860	57	6.63
REAR	860	83	9.65
DRIVE-THRU	1655	98	5.92
ENTRY	1655	151	9.12



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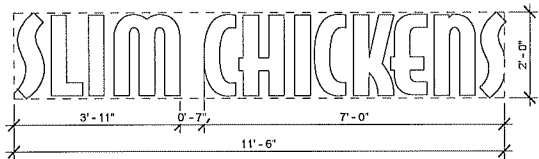
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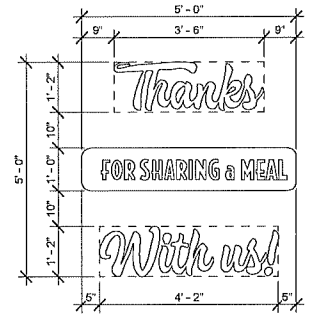
FOR REFERENCE ONLY

ARCHITECT OF RECORD  
EXTERIOR BUILDING SIGNAGE

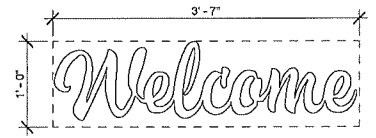
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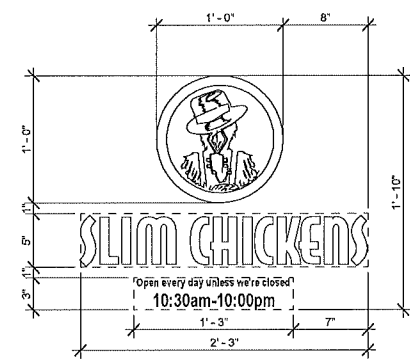
10 SLIM CHICKENS LOGO - INTERNALLY LIT SIGN  
1/2" = 1'-0"



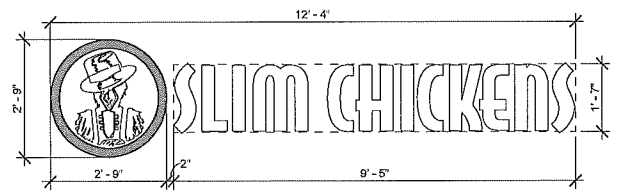
9 THANKS FOR SHARING - DIE-CUT METAL  
1/2" = 1'-0"



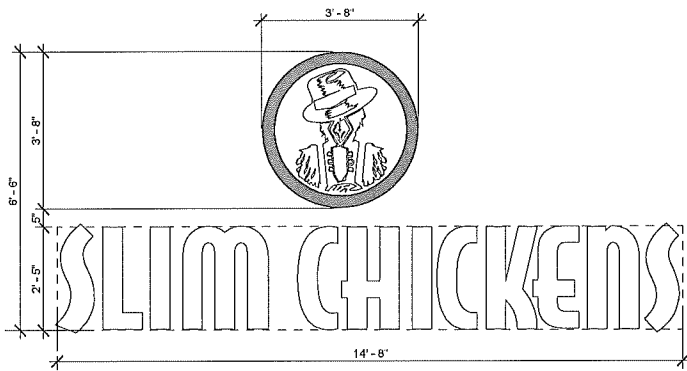
8 WELCOME - VINYL GRAPHIC  
1" = 1'-0"



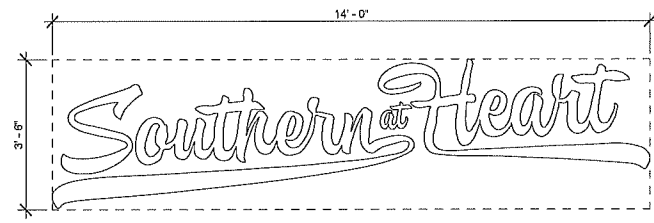
4 ENTRY DOOR - VINYL GRAPHIC  
1 1/2" = 1'-0"



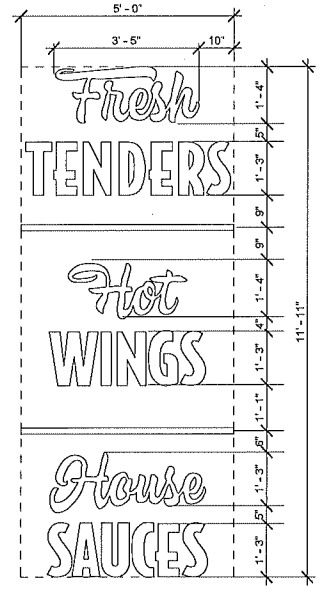
7 MAIN LOGO - INTERNALLY LIT SIGN  
1/2" = 1'-0"



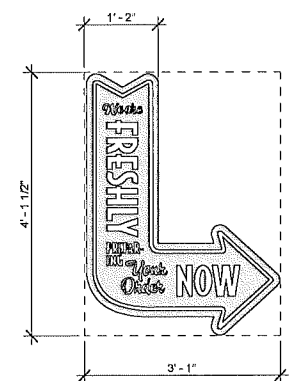
6 STACKED LOGO - INTERNALLY LIT SIGN  
1/2" = 1'-0"



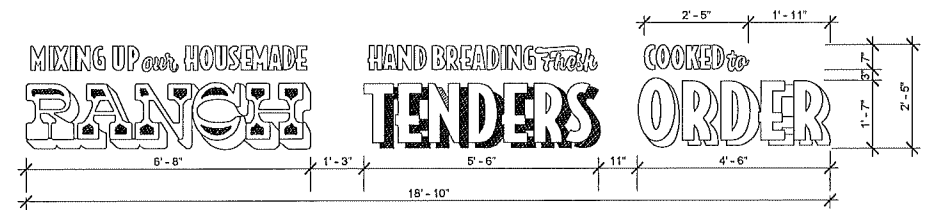
5 SOUTHERN AT HEART - DIE-CUT METAL  
1/2" = 1'-0"



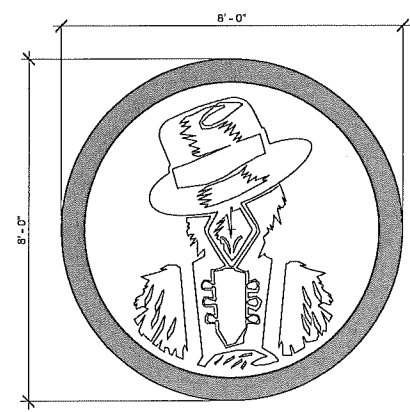
1 TENDERS, WINGS, SAUCES - DIE-CUT METAL  
1/2" = 1'-0"



3B DRIVE-THRU ARROW - INTERNALLY LIT SIGN  
3/4" = 1'-0"



3A DRIVE-THRU - DIE-CUT METAL GRAPHIC  
1/2" = 1'-0"



2 ROUND - DIE-CUT METAL  
1/2" = 1'-0"

10/30/24 11:58 AM  
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 14663 POTRANCO ROAD  
 SAN ANTONIO (POTRANCO) TX 78253  
 SLIM CHICKENS

ISSUE BLOCK

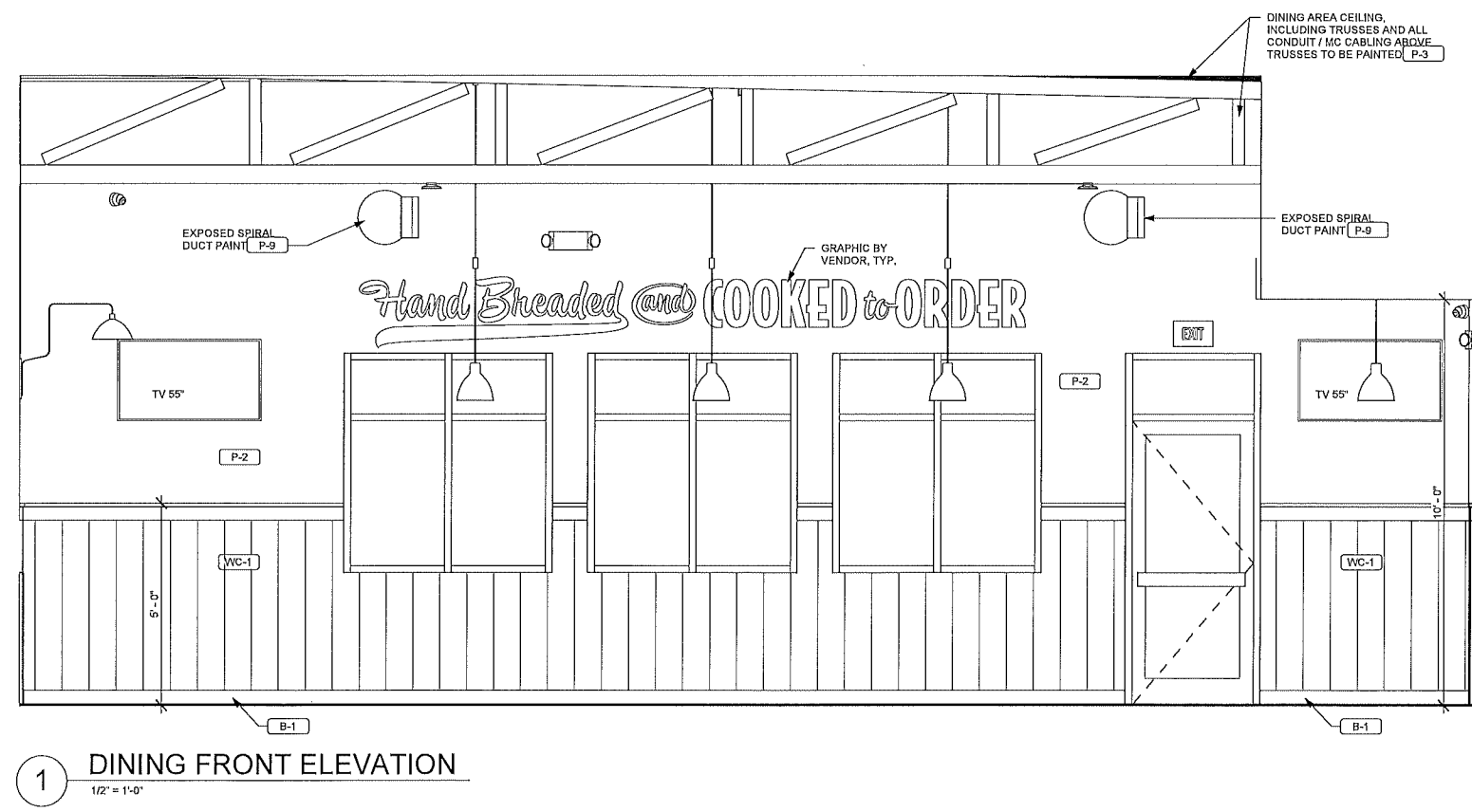
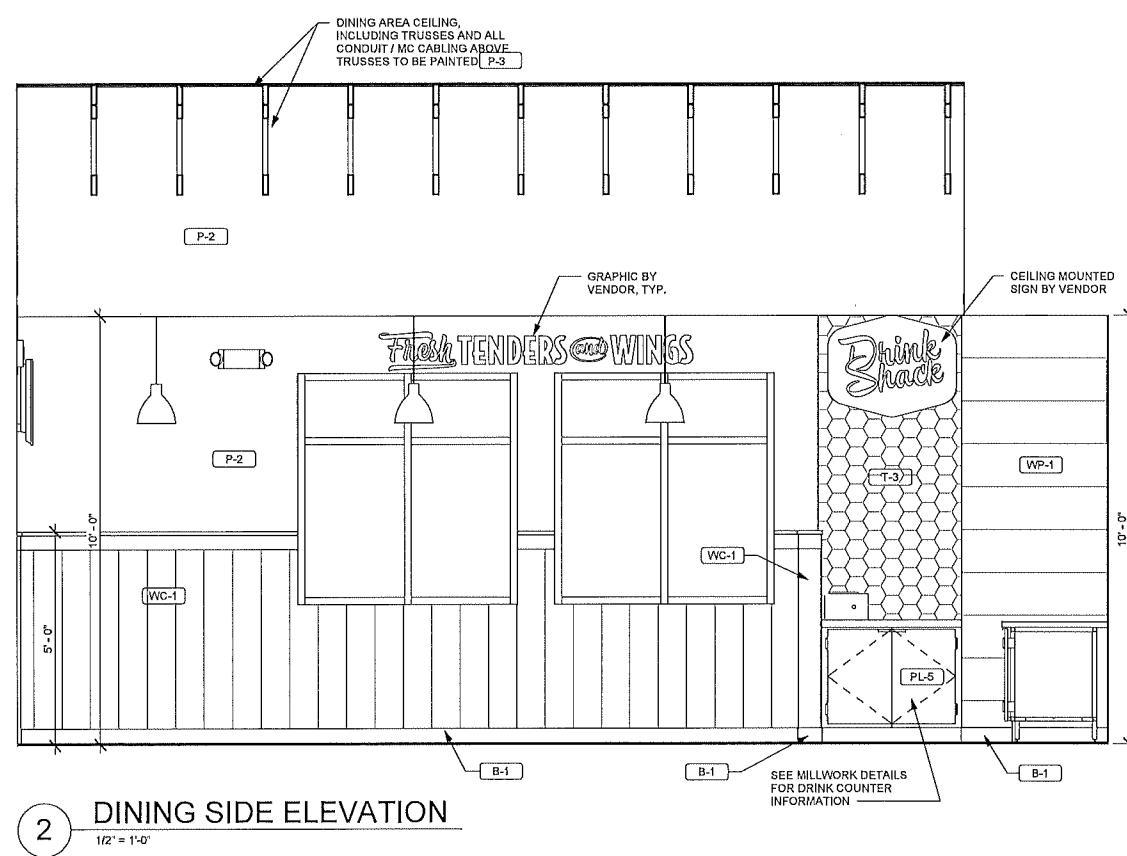
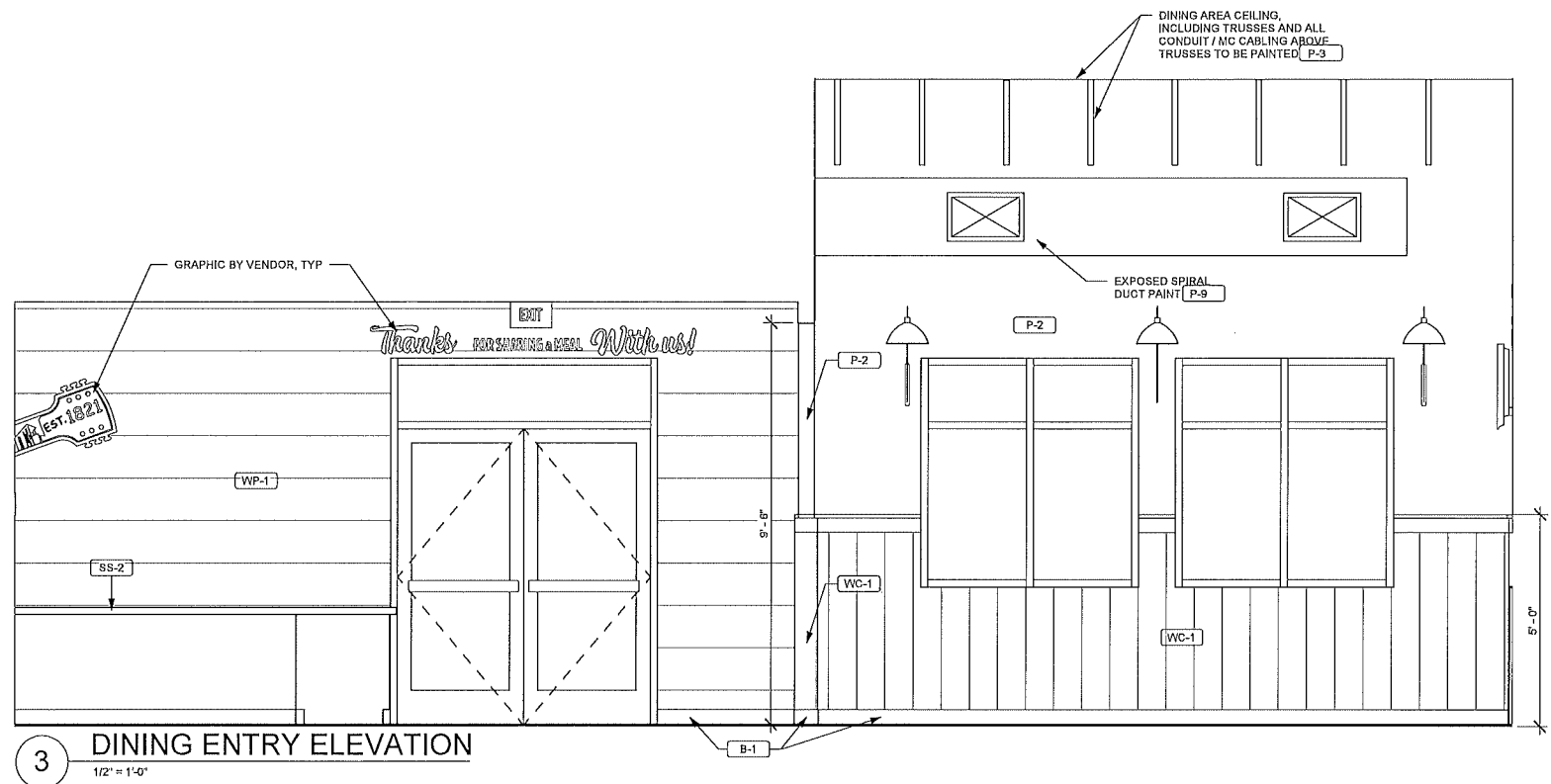
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 PROTO CYCLE: 02/07/24



ARCHITECT OF RECORD  
 INTERIOR ELEVATIONS

SHEET:  
 A301



PROJECT: 14663 Potranco, TX - INTERIOR ELEVATIONS  
 DRAWING: 14663 Potranco, TX - INTERIOR ELEVATIONS - 10/30/24  
 SHEET: A301 - INTERIOR ELEVATIONS









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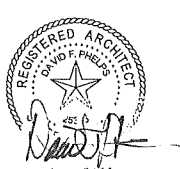
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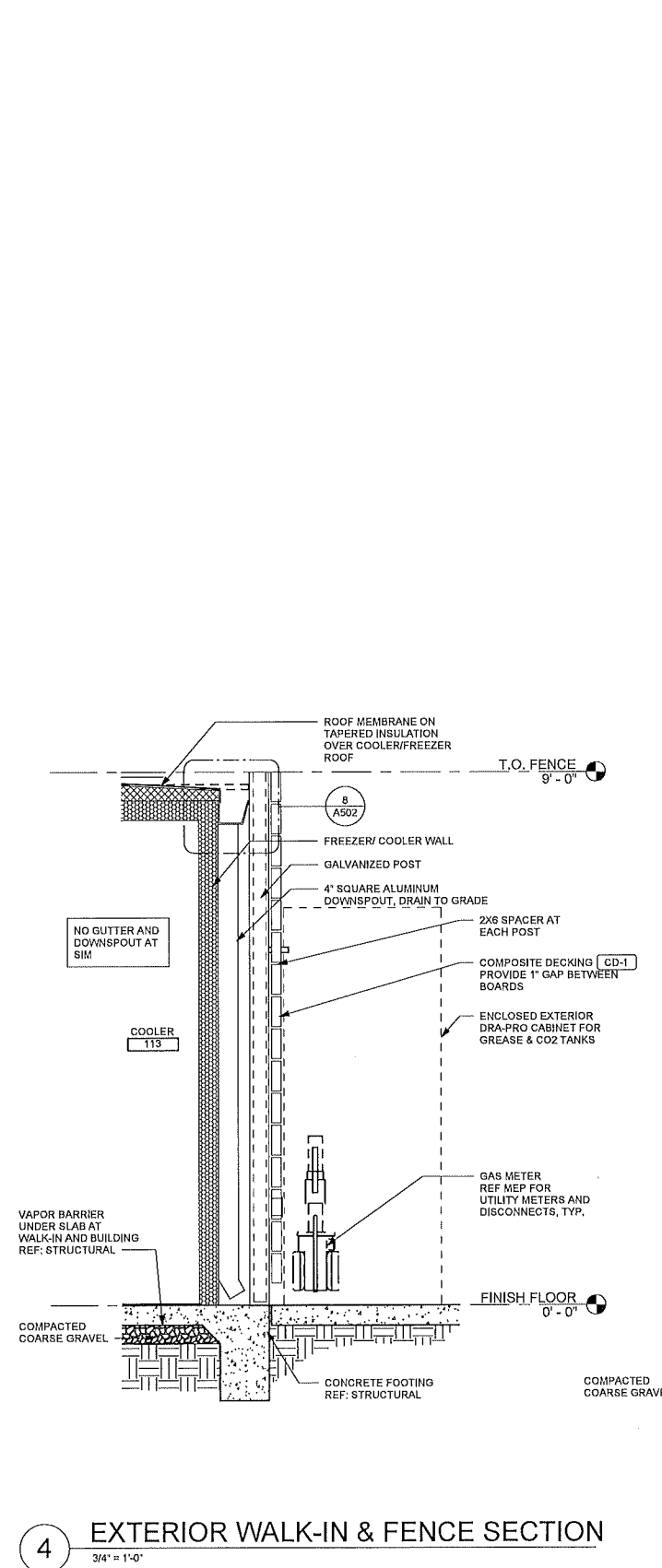
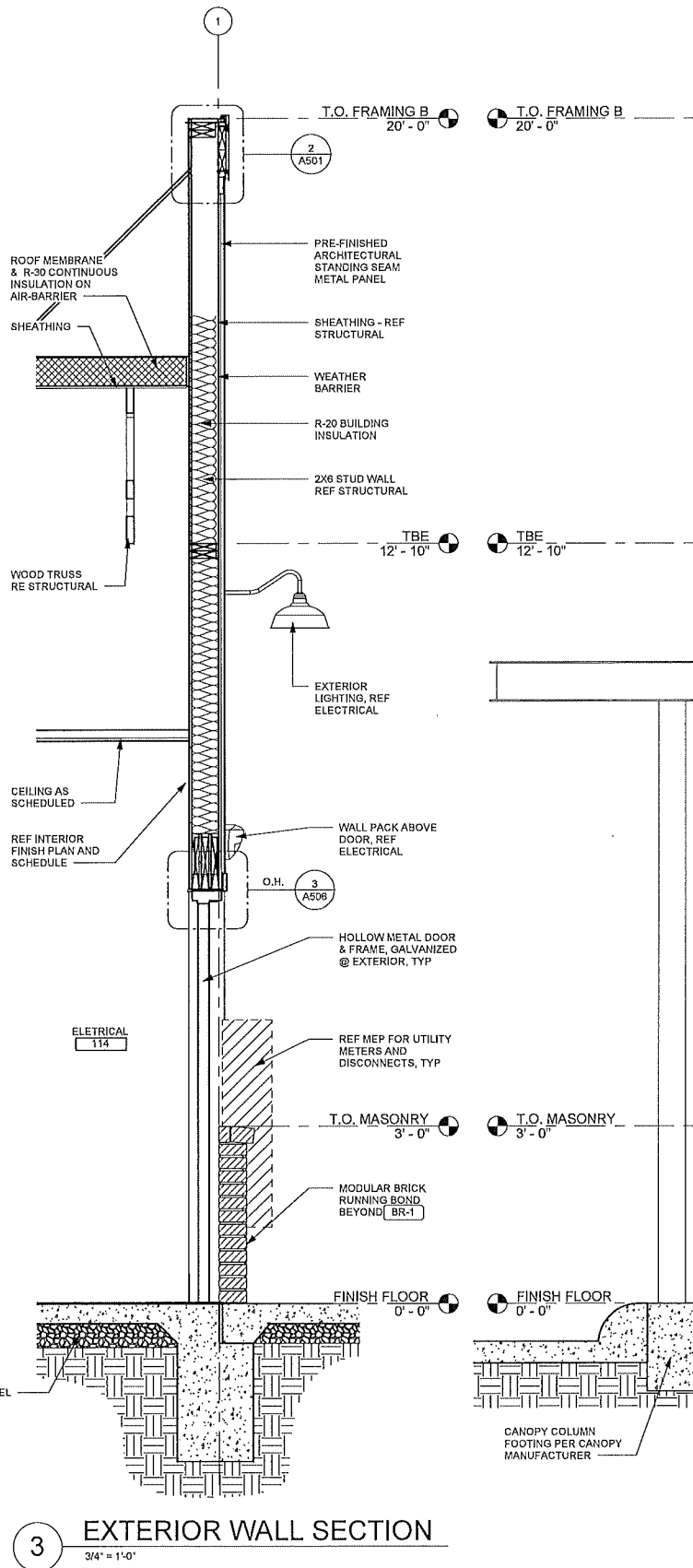
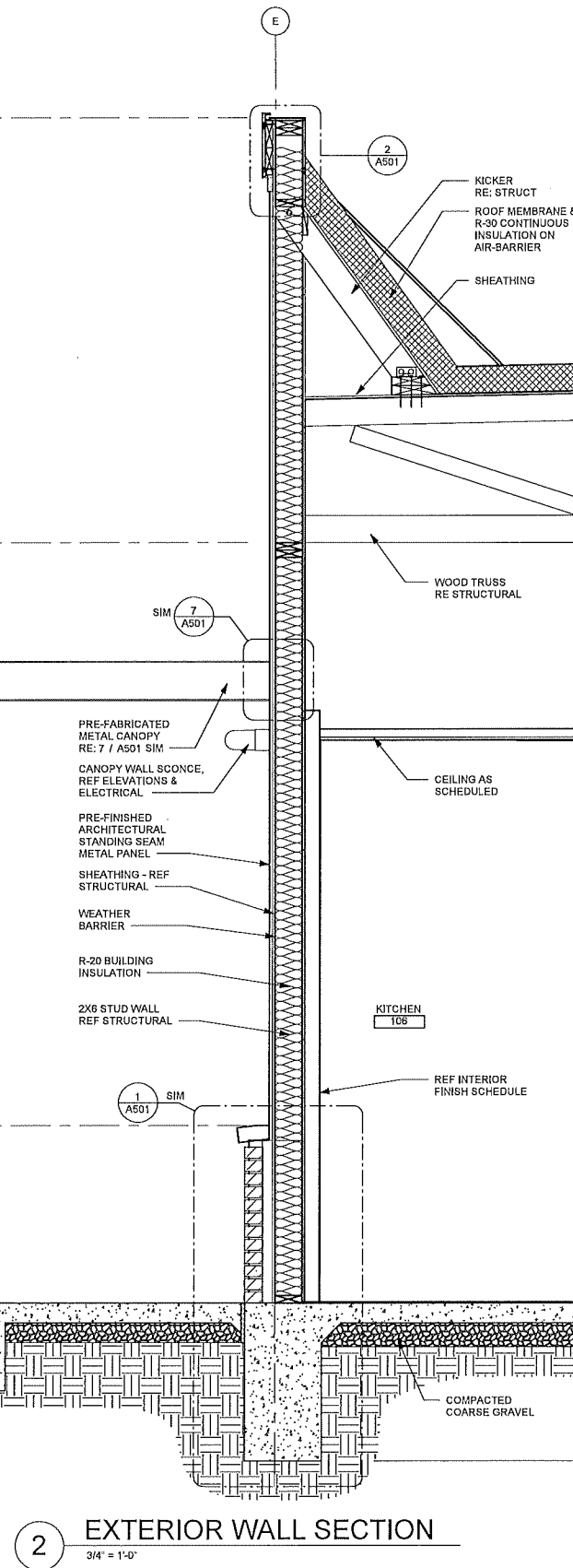
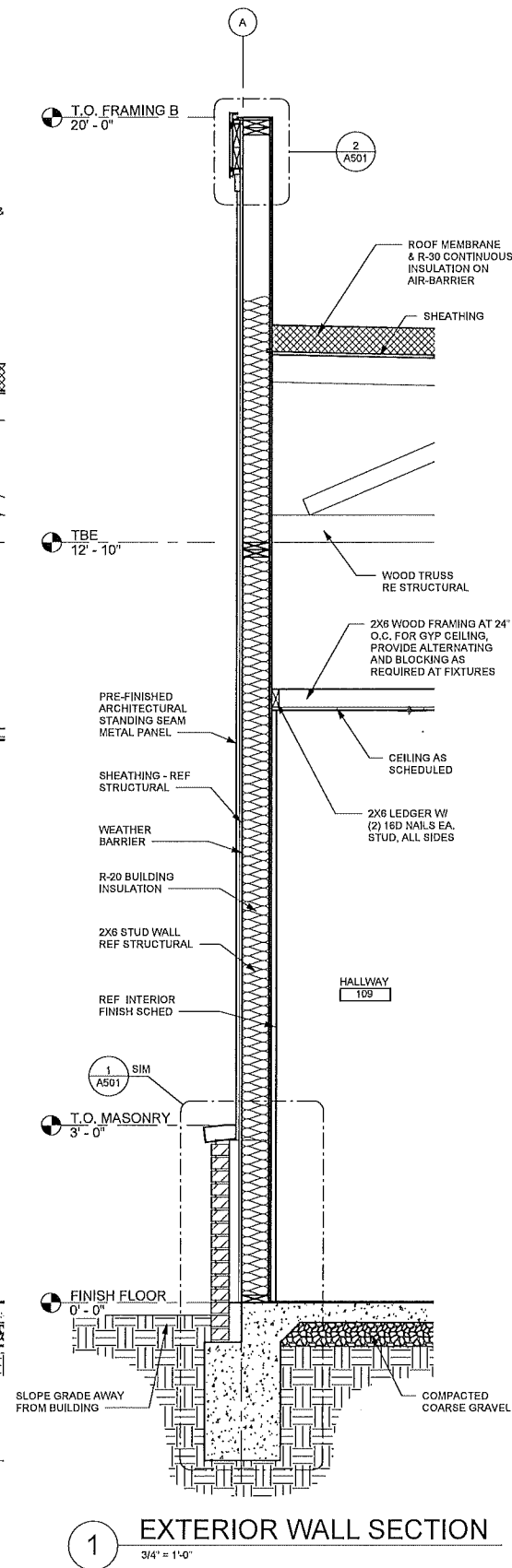
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ARCHITECT OF RECORD

WALL SECTIONS

SHEET: A402



4 EXTERIOR WALK-IN & FENCE SECTION  
3/4" = 1'-0"

3 EXTERIOR WALL SECTION  
3/4" = 1'-0"

2 EXTERIOR WALL SECTION  
3/4" = 1'-0"

1 EXTERIOR WALL SECTION  
3/4" = 1'-0"

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 A402-WALL SECTIONS



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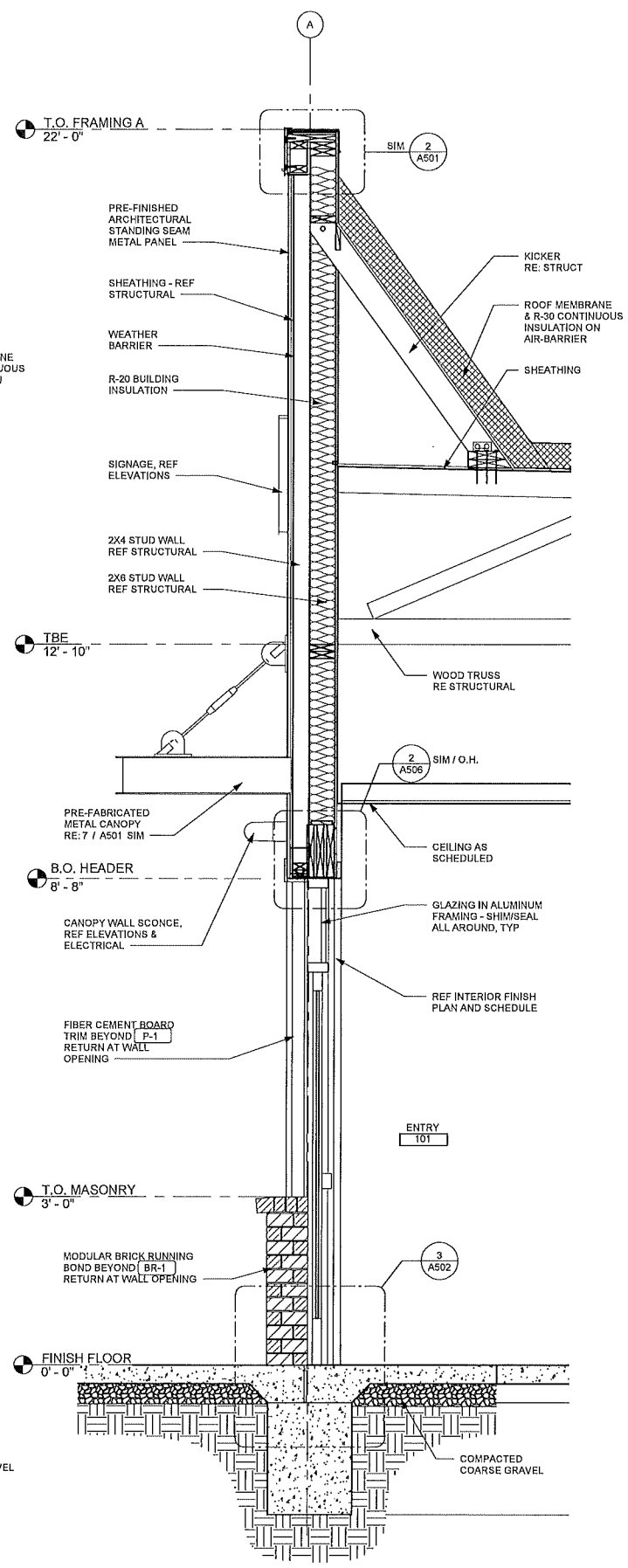

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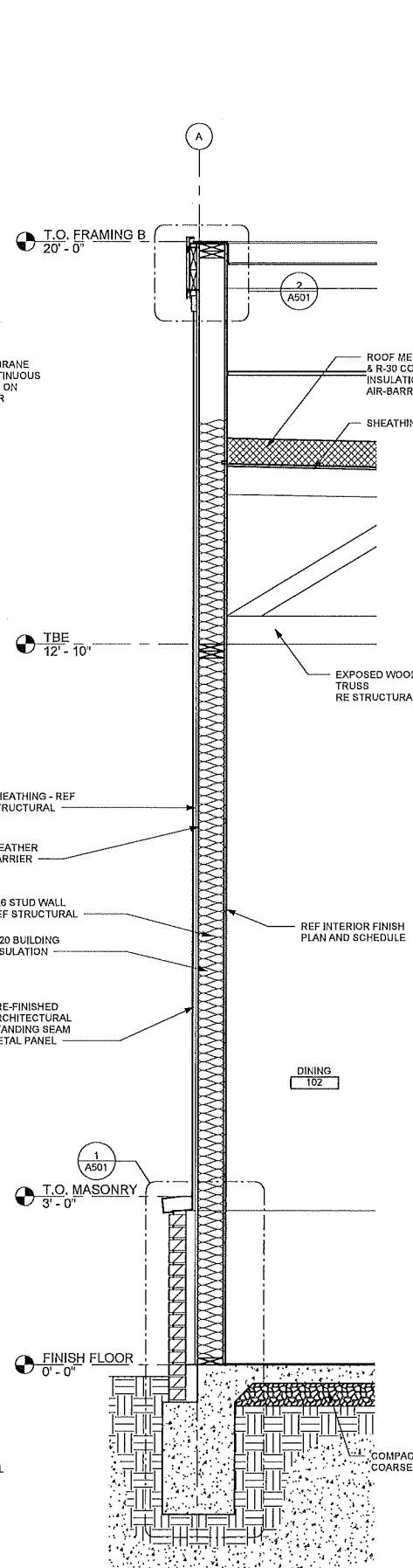
ARCHITECT OF RECORD

WALL SECTIONS

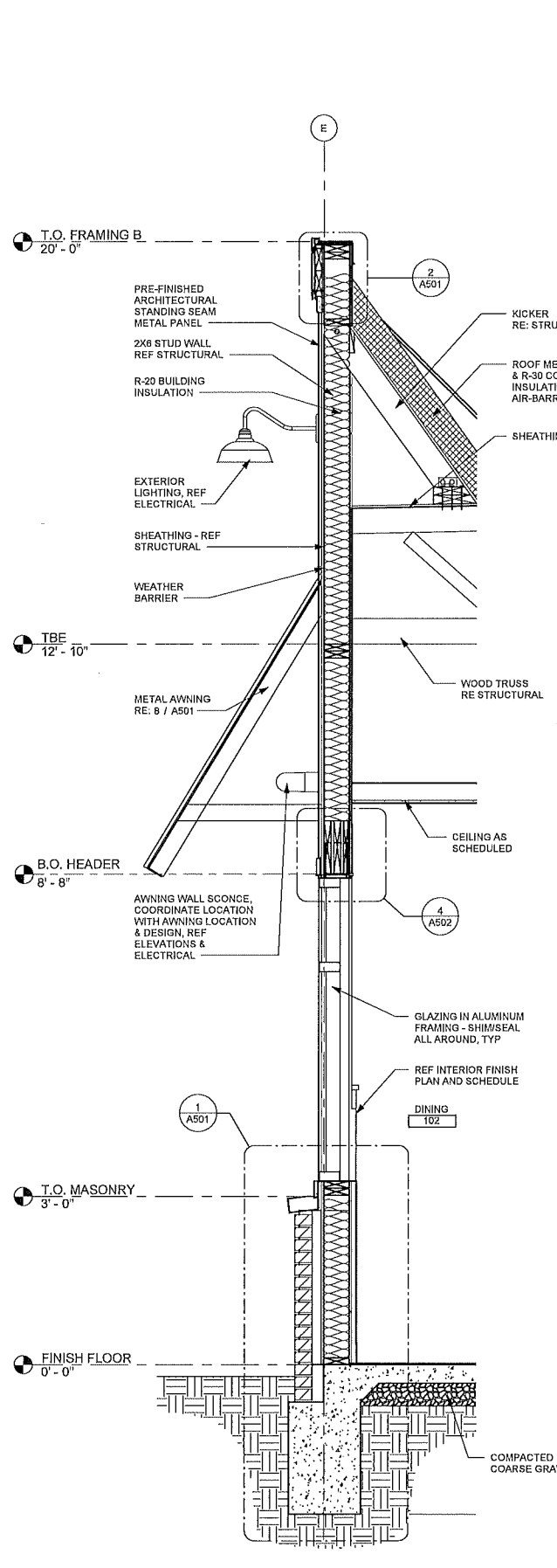
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**A403**



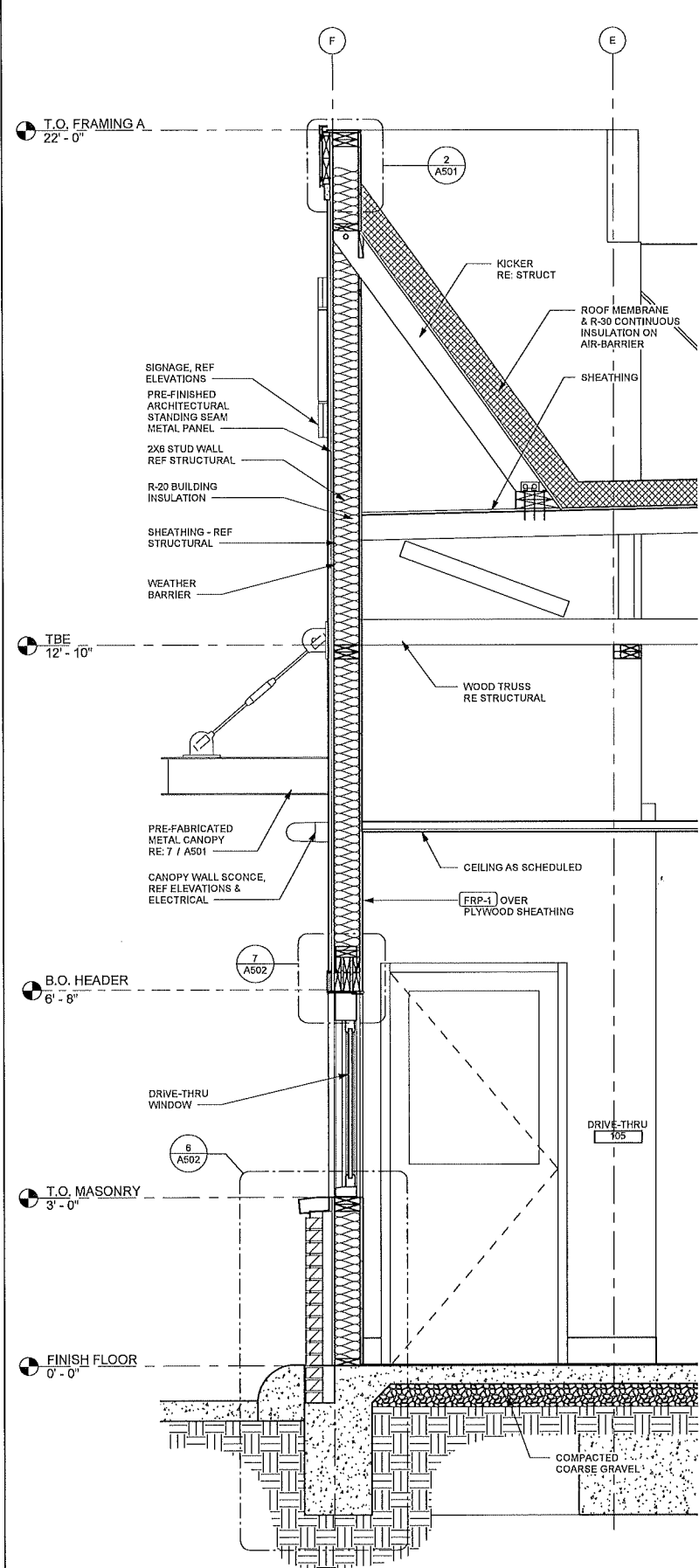
**1** EXTERIOR WALL SECTION  
3/4" = 1'-0"



**2** EXTERIOR WALL SECTION  
3/4" = 1'-0"



**3** EXTERIOR WALL SECTION  
3/4" = 1'-0"



**4** EXTERIOR WALL SECTION  
3/4" = 1'-0"

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 403-WALL SECTIONS

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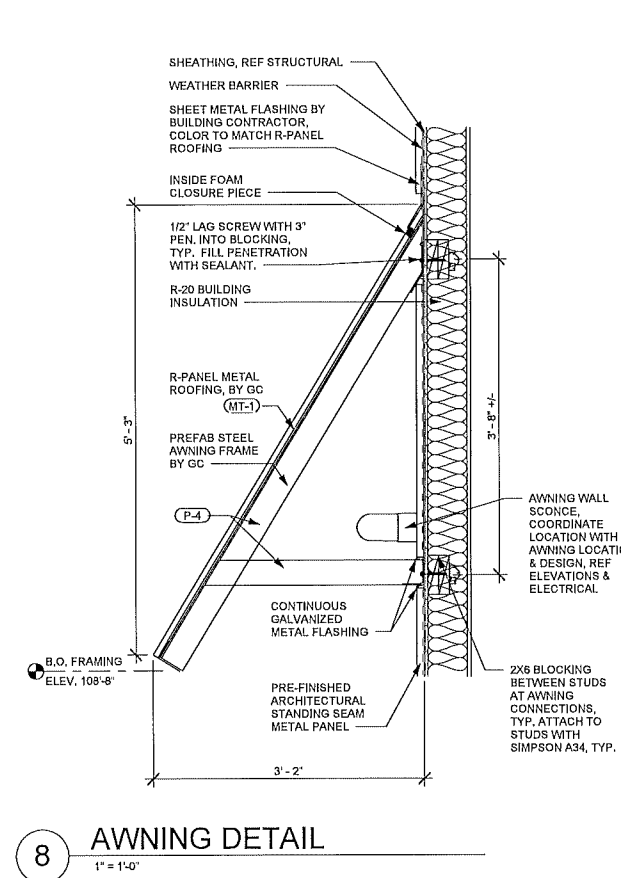
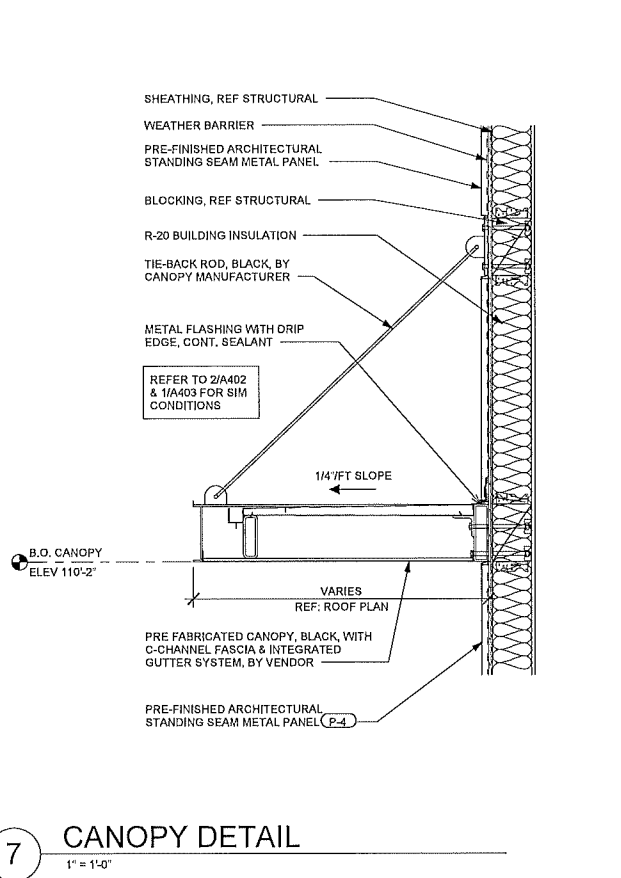
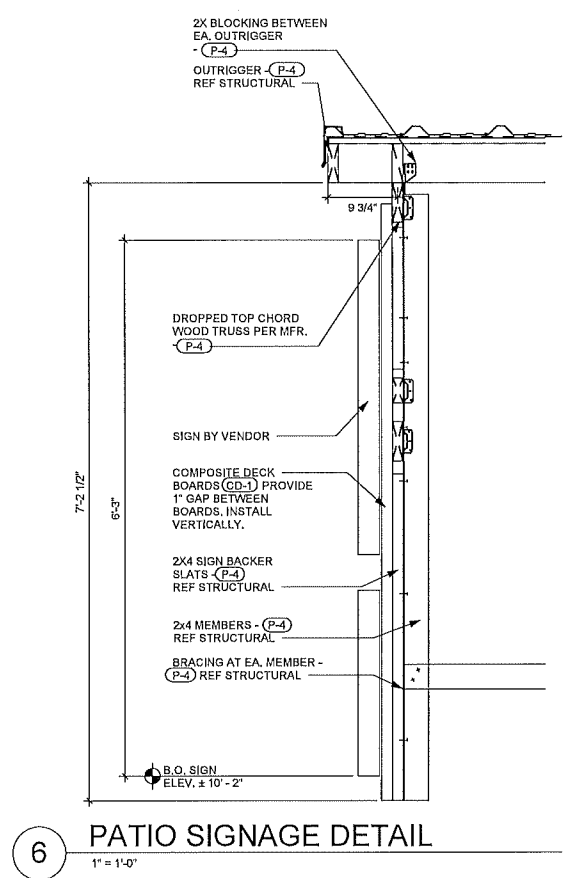
**SLIM CHICKENS**  
 14563 POTRANCO ROAD  
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ARCHITECT OF RECORD  
**DETAILS - EXTERIOR**

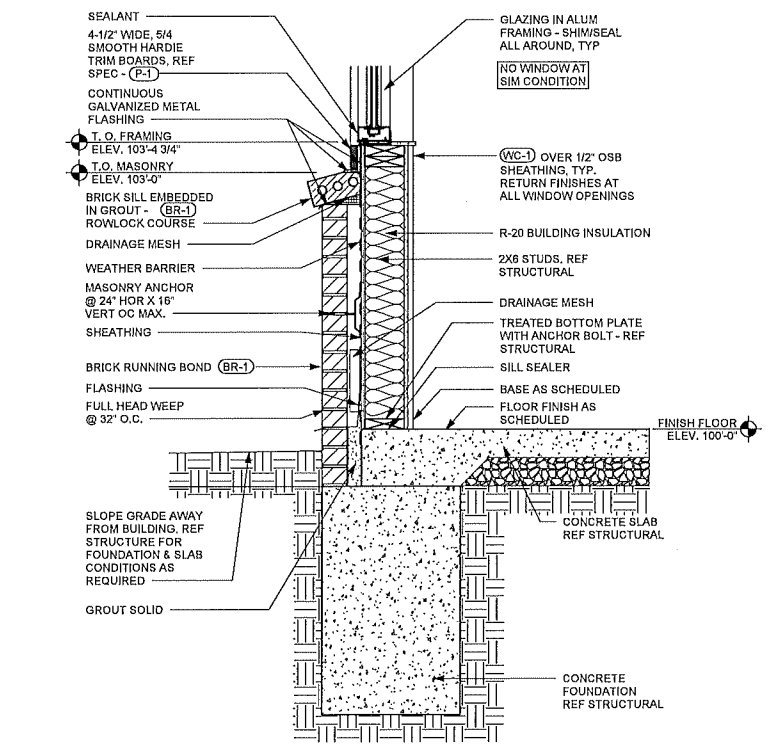
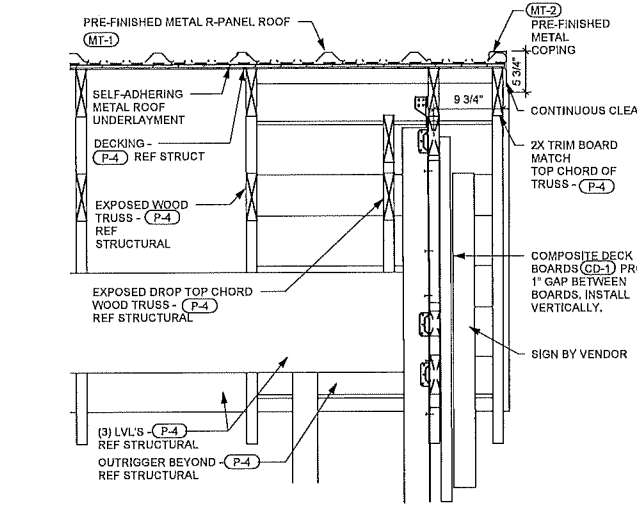
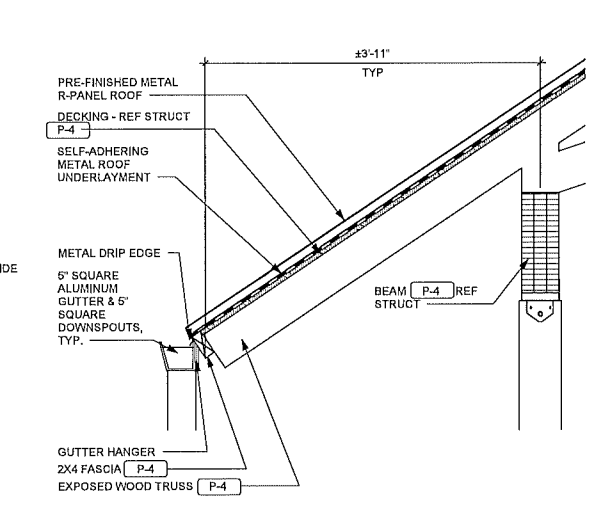


**10 COOLER THRESHOLD DETAIL**  
 1 1/2' = 1'-0'

**7 CANOPY DETAIL**  
 1' = 1'-0'

**6 PATIO SIGNAGE DETAIL**  
 1' = 1'-0'

**9 NOT USED**  
 1 1/2' = 1'-0'



**4 PATIO ROOF DETAIL**  
 1' = 1'-0'

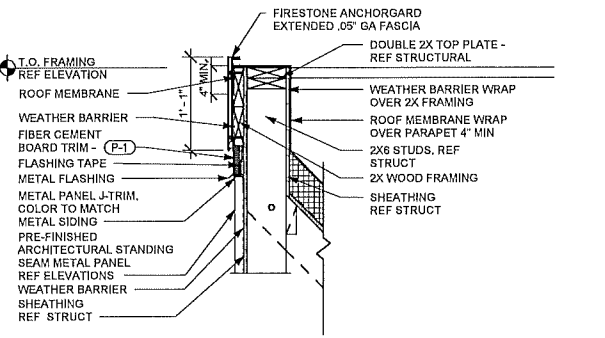
**1 WAINSCOT DETAIL**  
 1' = 1'-0'

**5 PATIO ROOF DETAIL**  
 1' = 1'-0'

**2 PARAPET DETAIL**  
 1' = 1'-0'



**3 CORNER DETAIL**  
 1' = 1'-0'



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DATE: 10/30/24

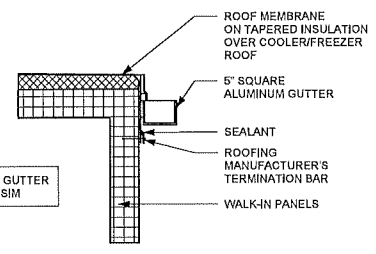
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DRAWN BY: RM  
DOCUMENT DATE: 10/30/24  
PROTO: Q1-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24

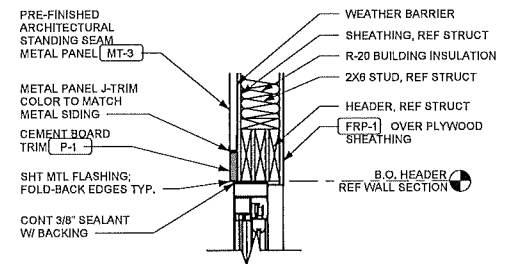


ARCHITECT OF RECORD  
DETAILS - EXTERIOR

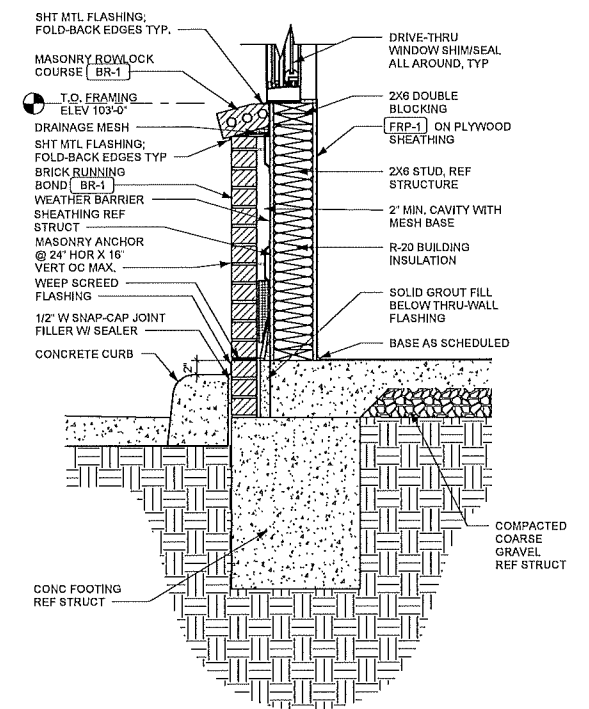
SHEET: A502



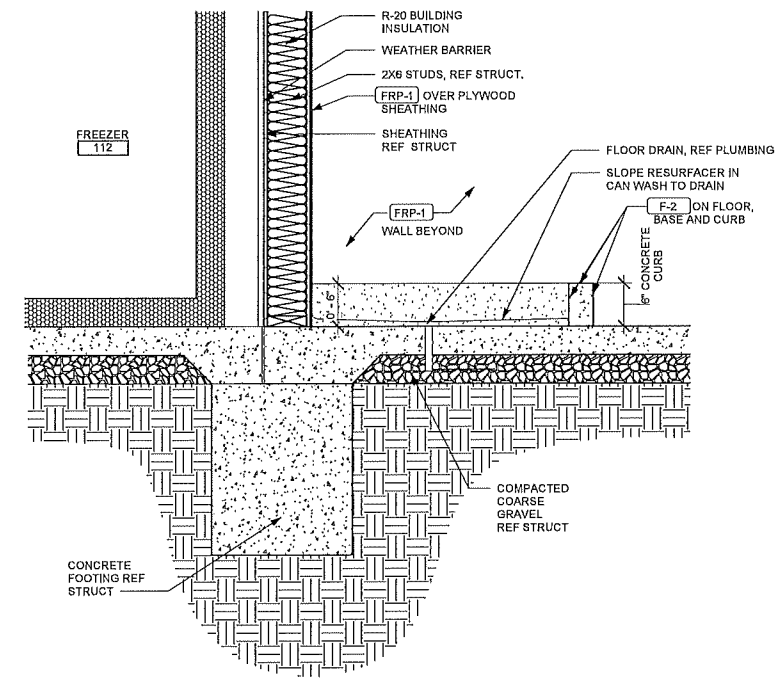
8 WALK-IN GUTTER DETAIL  
1" = 1'-0"



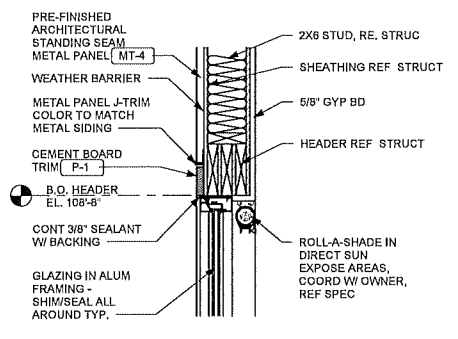
7 HEADER DETAIL  
1" = 1'-0"



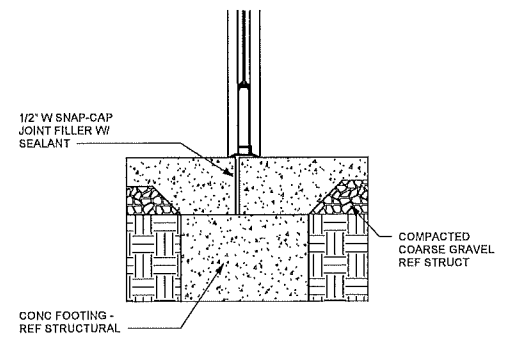
6 WALL DETAIL  
1" = 1'-0"



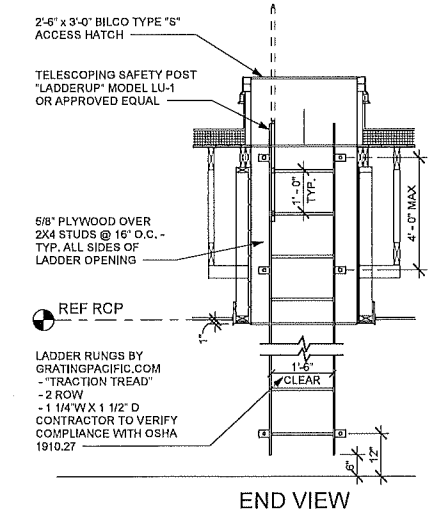
5 MOP SINK SECTION  
1" = 1'-0"



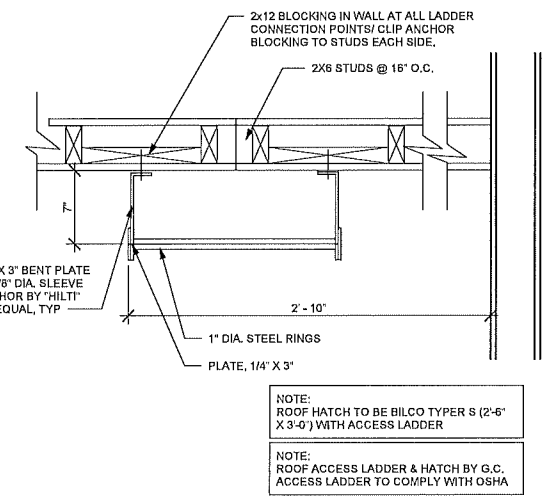
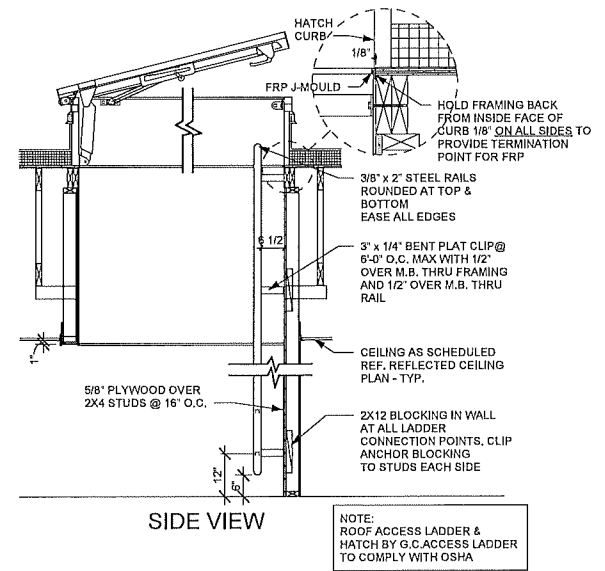
4 HEADER DETAIL  
1" = 1'-0"



3 THRESHOLD DETAIL  
1" = 1'-0"

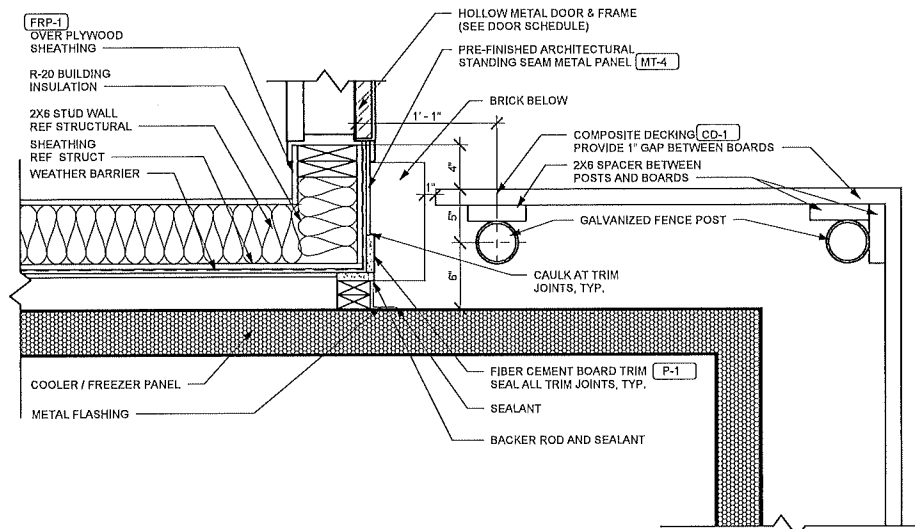


2 ROOF HATCH DETAIL  
1/2" = 1'-0"

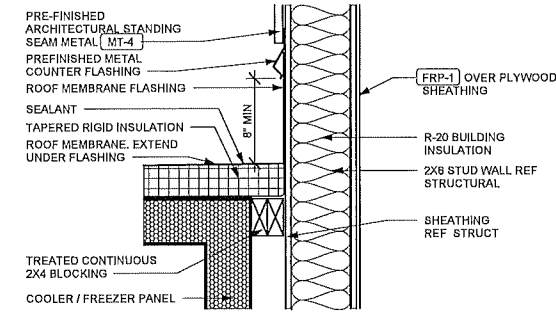


1 ROOF LADDER PLAN DETAIL  
1 1/2" = 1'-0"

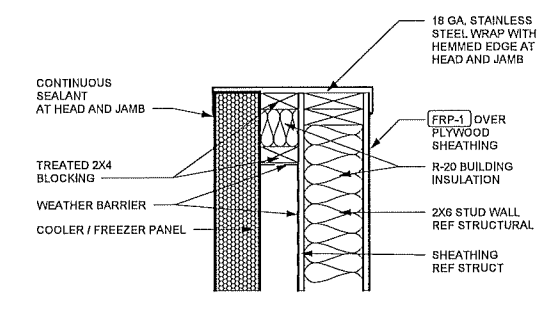
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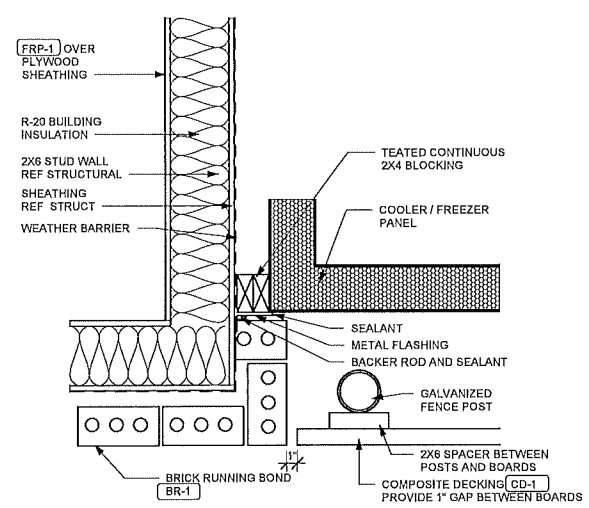
14 COOLER DETAIL  
1 1/2" = 1'-0"



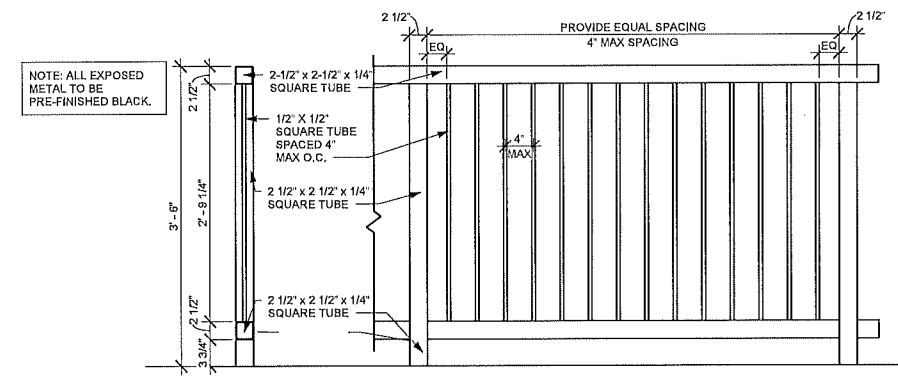
13 WALK-IN DETAIL  
1 1/2" = 1'-0"



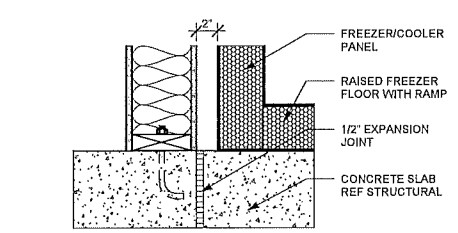
12 COOLER DETAIL  
1 1/2" = 1'-0"



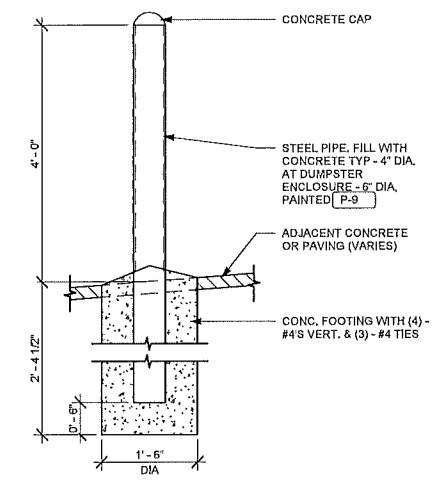
11 WALK-IN DETAIL  
1 1/2" = 1'-0"



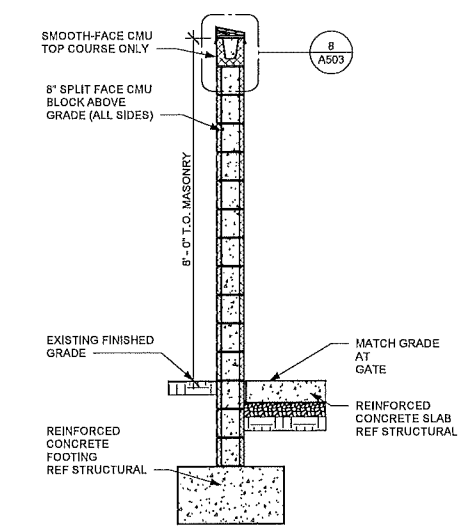
9 RAILING ELEVATIONS  
1" = 1'-0"



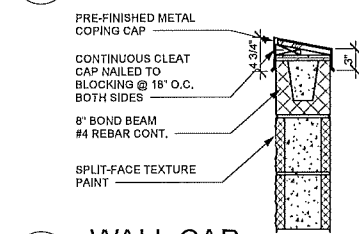
10 FREEZER FLOOR DETAIL  
1 1/2" = 1'-0"



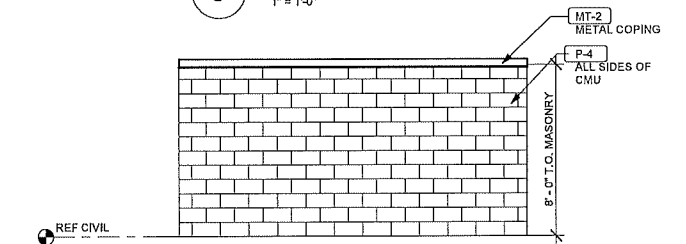
7 TYPICAL BOLLARD  
3/4" = 1'-0"



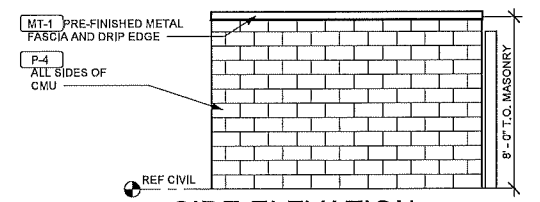
6 WALL SECTION  
1/2" = 1'-0"



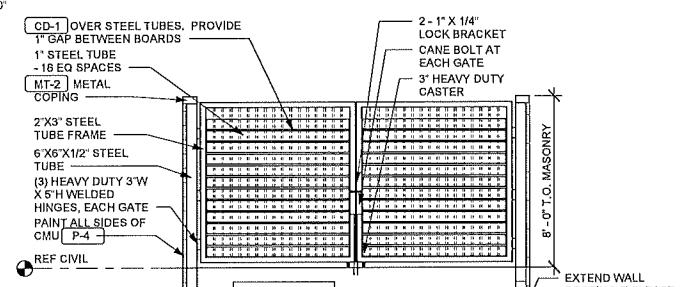
8 WALL CAP  
1" = 1'-0"



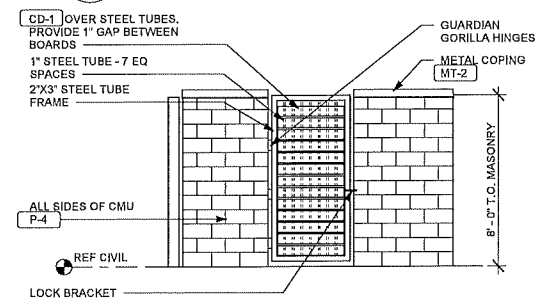
5 REAR ELEVATION  
1/4" = 1'-0"



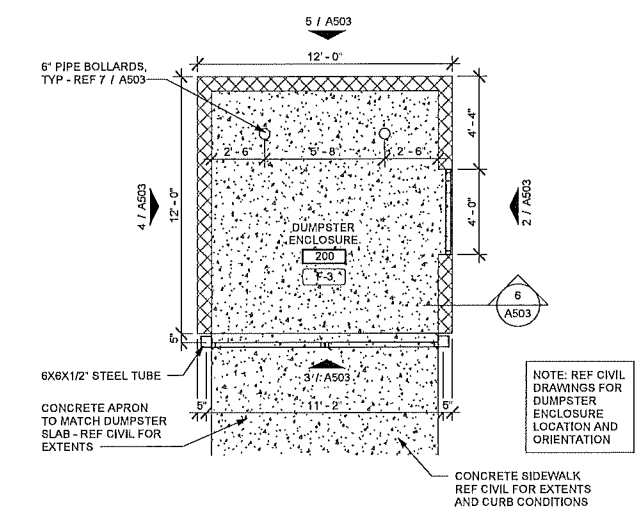
4 SIDE ELEVATION  
1/4" = 1'-0"



3 FRONT ELEVATION  
1/4" = 1'-0"



2 SIDE ELEVATION  
1/4" = 1'-0"



1 DUMPSTER PLAN  
1/4" = 1'-0"

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10/30/24  
DATE  
14583 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253

ISSUE BLOCK

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CHECKED BY: LW  
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DOCUMENT DATE: 10/30/24  
PROTO: Q1-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24



ARCHITECT OF RECORD  
DETAILS - EXTERIOR

SHEET:  
A503



CYNERGY  
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SUITE 200  
TULSA, OK 74119  
918.877.6000

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UNLESS OTHERWISE SPECIFIED, ALL  
MATERIALS AND METHODS SHALL BE  
AS SHOWN AND SHALL BE CONFORMANT  
WITH ALL APPLICABLE CODES AND  
REGULATIONS.

SLIM CHICKENS ARCHITECTURE  
14563 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253  
DATE: 10/30/24

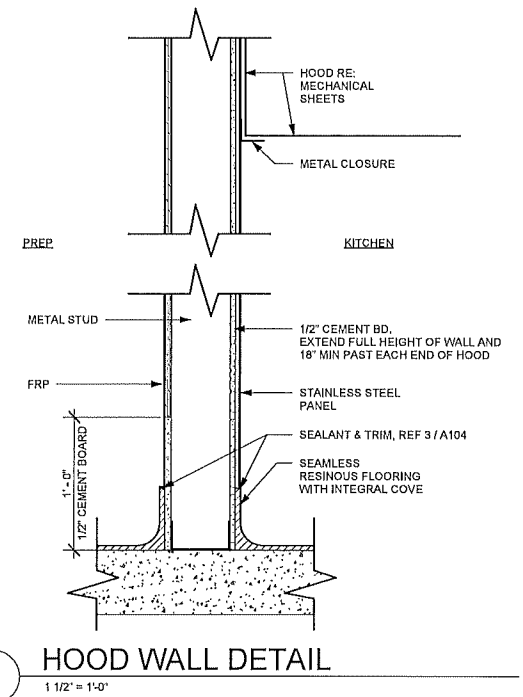
ISSUE BLOCK


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DRAWN BY: RM  
DOCUMENT DATE: 10/30/24  
PROTO: Q1-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24

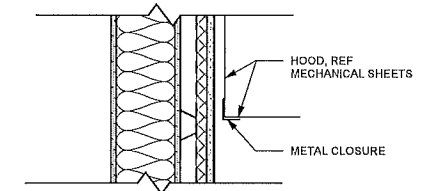


ARCHITECT OF RECORD  
DETAILS -  
INTERIOR &  
FINISHES

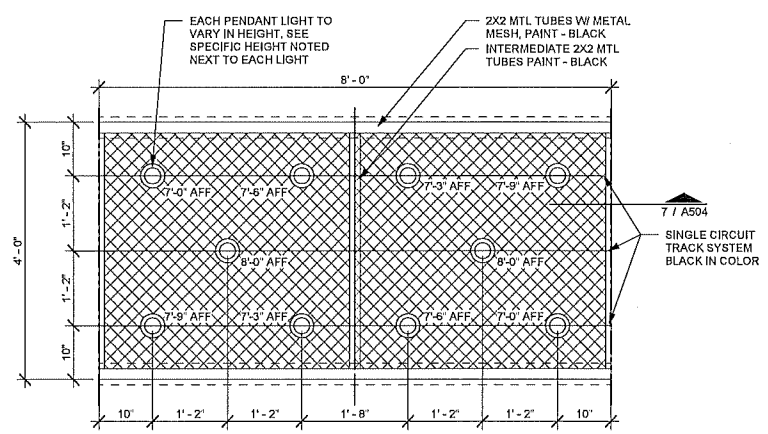
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A504



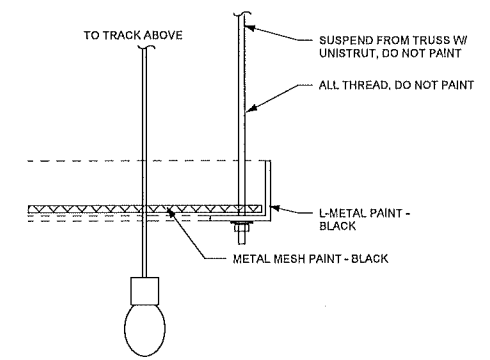
8 HOOD WALL DETAIL  
1 1/2" = 1'-0"



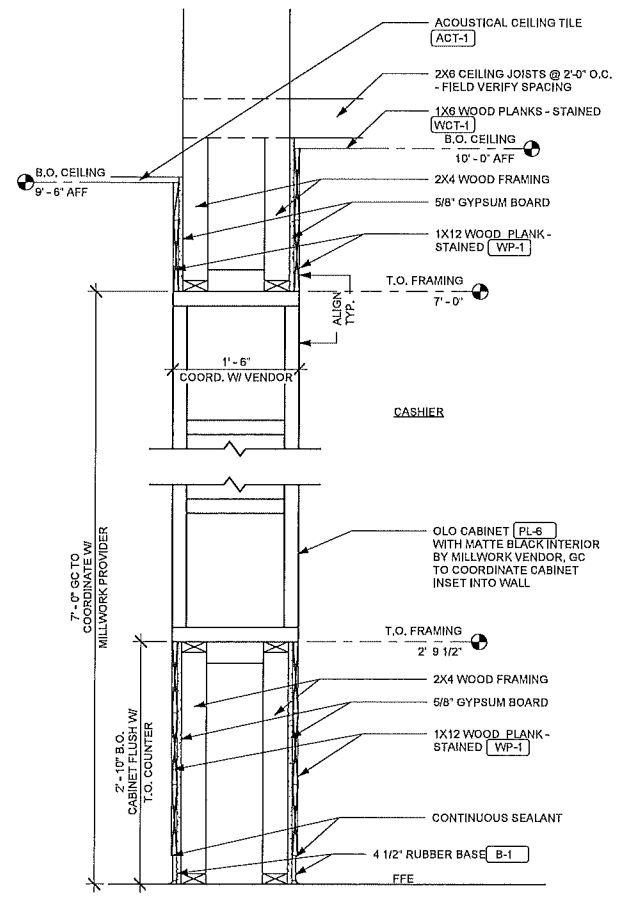
5 HOOD WALL FURRING DETAIL



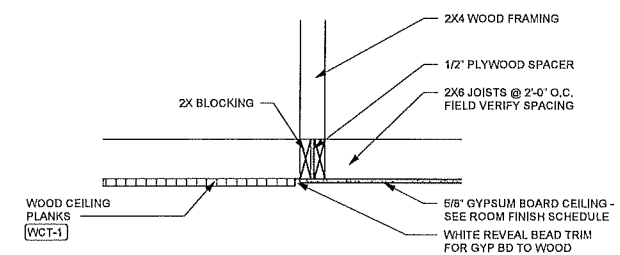
6 CLOUD DETAIL  
3/4" = 1'-0"



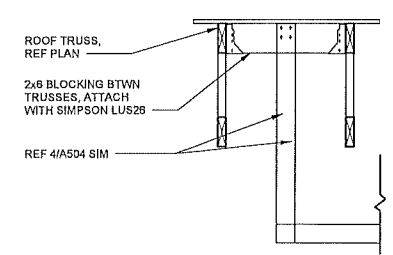
7 CLOUD MOUNTING DETAIL  
N.T.S.



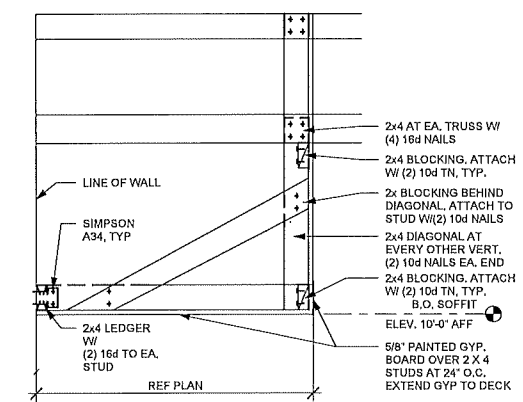
1 OLO CABINET & WALL DETAIL  
1" = 1'-0"



2 CEILING DETAIL  
1" = 1'-0"



3 HANGING EQUIPMENT SUPPORT  
1" = 1'-0"

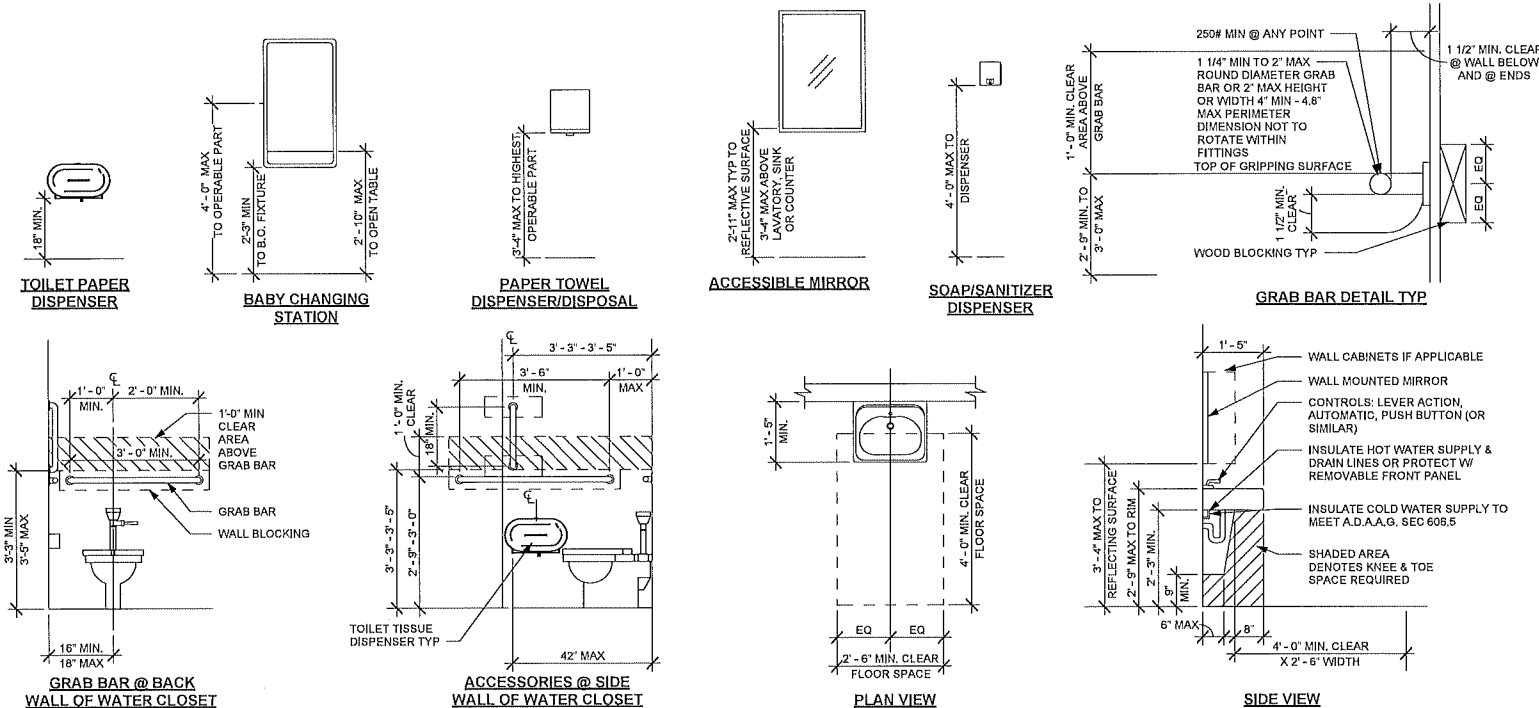


4 SOFFIT DETAIL  
1" = 1'-0"

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ACCESSIBILITY LEGEND

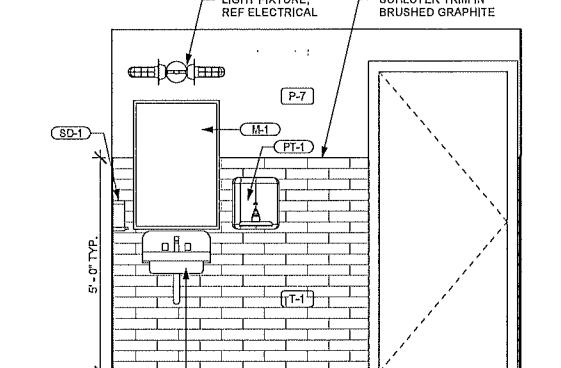
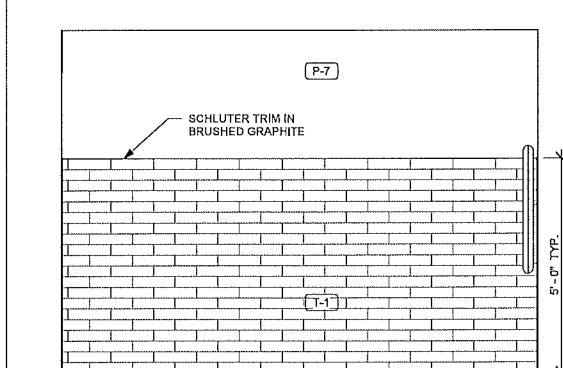


RESTROOM LEGEND

- CH-1 BABY CHANGING STATION VERTICAL WALL MOUNTED - KB301-05 WHITE GRANITE - OWNER FURNISHED, CONTRACTOR INSTALLED
  - GB GRAB BAR 18" L X 1-1/2" DIA. (VERTICAL)
  - GB GRAB BAR 36" L X 1-1/2" DIA.
  - GB GRAB BAR 42" L X 1-1/2" DIA.
  - M-1 24" W X 35" H MIRROR
  - PA-1 FLOOR MOUNTED TOILET PARTITION - FURNISHED AND INSTALLED BY CONTRACTOR.
  - PT-1 PAPER TOWEL DISPENSER - OWNER FURNISHED, CONTRACTOR INSTALLED
  - SD-1 SURFACE MOUNTED SOAP DISPENSER - OWNER FURNISHED, CONTRACTOR INSTALLED
  - SD-2 SURFACE MOUNTED SANITIZER DISPENSER - OWNER FURNISHED, CONTRACTOR INSTALLED
  - TT-1 SURFACE MOUNTED TOILET TISSUE DISPENSER - OWNER FURNISHED, CONTRACTOR INSTALLED
  - SN-1 COVERED SANITARY NAPKIN TRASH RECEPTACLE - OWNER FURNISHED, CONTRACTOR INSTALLED
- SEE ACCESSIBILITY LEGEND FOR MOUNTING HEIGHTS  
SEE FINISH LEGEND FOR FINISH INFORMATION

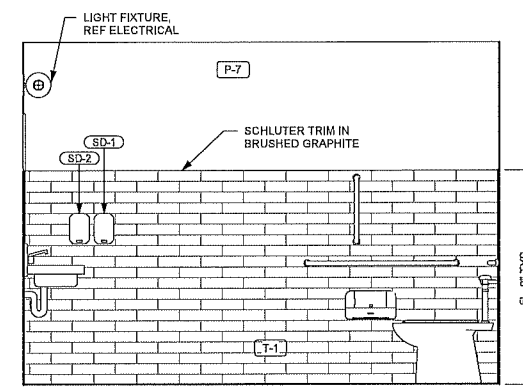
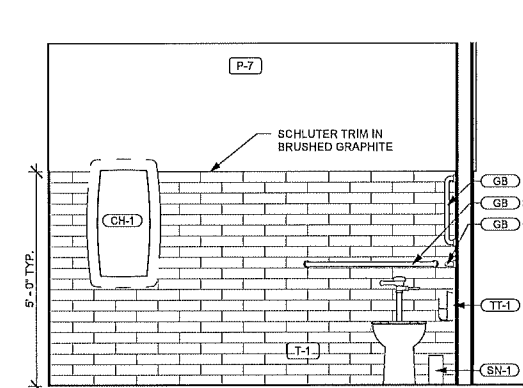
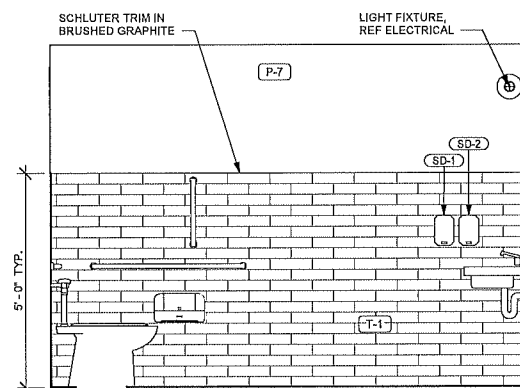
ACCESSIBILITY NOTES

1. THE FIXTURE AND ACCESSORIES MOUNTING DETAILS AND REQUIREMENTS SHOWN IN THESE DRAWINGS ARE TYPICAL AND APPLY TO REQUIRED ACCESSIBLE INSTALLATIONS ONLY. REFER TO PLANS FOR LOCATIONS AND TYPES OF LAYOUTS. EQUIPMENT SHOWN MAY OR MAY NOT APPEAR ON THIS PROJECT. IF A ROOM IS IN QUESTION AS TO BEING A REQUIRED ACCESSIBLE ROOM - CONTACT ARCHITECT FOR RESOLUTION.
2. PROVIDE IN ALL LOCATIONS OF REQUIRED ACCESSORIES, ADEQUATE SOLID BLOCKING, CAPABLE OF WITHSTANDING 250 LB FORCE (SHEAR AND BENDING). GRAB BARS SHALL NOT ROTATE, FASTENERS SHALL BE OF A TYPE TO WITHSTAND REQUIRED FORCE AND TYPED FOR TYPE OF WALL CONSTRUCTION.
3. SWEEP PERIOD OF DOOR CLOSERS ON ACCESSIBLE DOORS SHALL BE ADJUSTED SO THAT FROM OPEN POSITION OF 90 DEGREES, DOOR WILL TAKE A MINIMUM OF 5 SECONDS TO MOVE TO A POINT 12 DEGREES FROM THE LATCH.
4. DOORS SHALL REQUIRE NO MORE THAN 5 LB. OF FORCE TO OPEN, ADJUST CLOSERS ACCORDINGLY.
5. ACCESSIBLE TOILET STALL DOORS ARE REQUIRED TO BE SELF-CLOSING AND HAVE A PULL ON BOTH SIDES.



9 WOMENS RESTROOM ELEVATION  
1/2" = 1'-0"

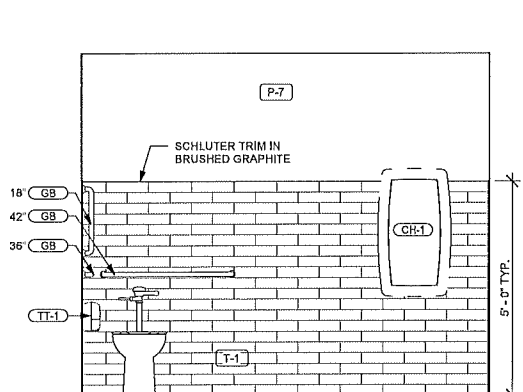
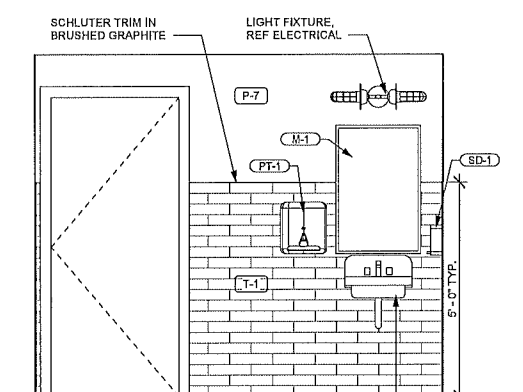
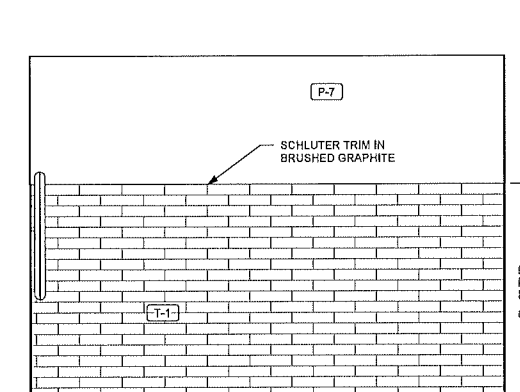
8 WOMENS RESTROOM ELEVATION  
1/2" = 1'-0"



7 WOMENS RESTROOM ELEVATION  
1/2" = 1'-0"

6 WOMENS RESTROOM ELEVATION  
1/2" = 1'-0"

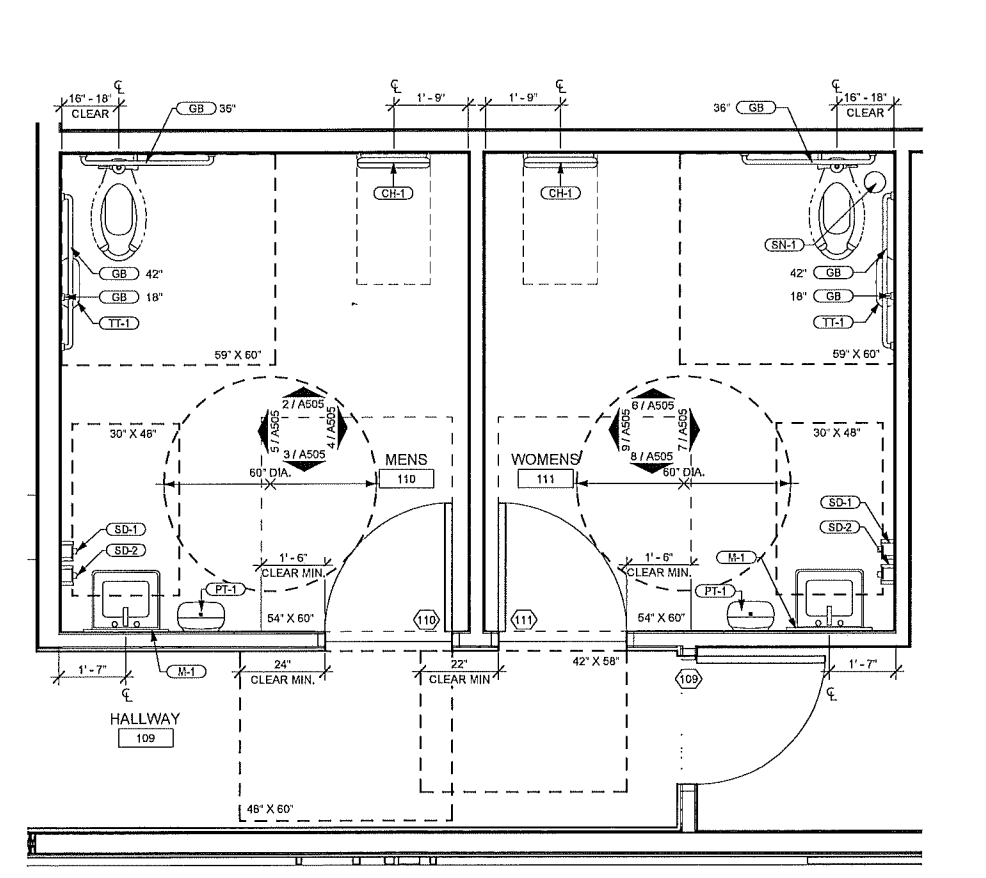
5 MENS RESTROOM ELEVATION  
1/2" = 1'-0"



4 MENS RESTROOM ELEVATION  
1/2" = 1'-0"

3 MENS RESTROOM ELEVATION  
1/2" = 1'-0"

2 MENS RESTROOM ELEVATION  
1/2" = 1'-0"



1 ENLARGED RESTROOM FLOOR PLAN  
1/2" = 1'-0"

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SUITE 200  
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918.677.6000

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SLIM CHICKENS  
14583 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253  
DATE: 10/30/24

ISSUE BLOCK

NO.	DESCRIPTION	DATE

CHECKED BY: LW  
DRAWN BY: RM  
DOCUMENT DATE: 10/30/24  
PROTO: 01-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24



ARCHITECT OF RECORD  
DETAILS - RESTROOM & ACCESSIBILITY

SHEET: A505

10/30/24 10:30 AM  
 C:\Users\jphillips\OneDrive\Documents\Projects\24-25\14583 Potranco\14583 Potranco - Restroom & Accessibility.dwg



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DATE: 10/30/24  
14583 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253  
SLIM CHICKENS  
RESTAURANT & BAR

ISSUE BLOCK


CHECKED BY: LW  
DRAWN BY: RM  
DOCUMENT DATE: 10/30/24  
PROTO: Q1-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24



ARCHITECT OF RECORD  
DETAILS - DOORS & WINDOWS

SHEET: A506

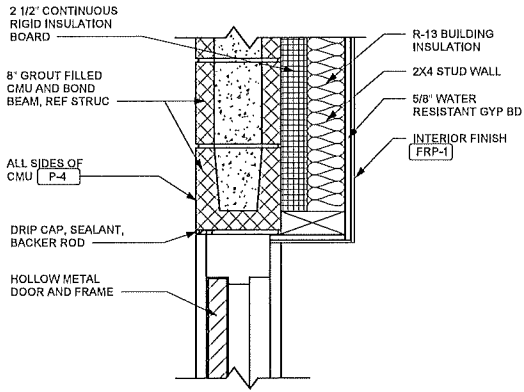
DOOR SCHEDULE										
DOOR	DOOR		QTY	DOOR		FRAME		HEAD DETAIL	HARDWARE #	NOTE #
	WIDTH	HEIGHT		FINISH	TYPE	FINISH	TYPE			
101	6'-0"	7'-0"	PAIR	PPG - UC132419XL	C	PPG - UC132419XL	D	2-A506	1	(none)
102	3'-0"	7'-0"	SINGLE	PPG - UC132419XL	C	PPG - UC132419XL	B	2-A506	2	2
104B	4'-0"	3'-2"	-	-	-	-	-	-	6	3
105	3'-0"	7'-0"	SINGLE	HM - P-5	D	HM - P-5	AA	1-A506	7	(none)
109	3'-0"	7'-0"	SINGLE	HM - P-5	B SIM	HM - P-5	AA	1-A506	5	(none)
110	3'-0"	7'-0"	SINGLE	WD	A	HM - P-5	AA	1-A506	4	1
111	3'-0"	7'-0"	SINGLE	WD	A	HM - P-5	AA	1-A506	4	1
114	4'-0"	7'-0"	SINGLE	HM - P-5	B	HM - P-5	AA	3-A506	3	(none)

HARDWARE SCHEDULE					
HARDWARE #	DESCRIPTION	COMPONENTS	MFR	MODEL/SIZE	FINISH
1	STOREFRONT DOUBLE	2 EA CONTINUOUS HINGES 2 EA PULL 2 EA EXIT DEVICE 1 EA KEYED CYLINDERS 1 EA THRESHOLD 2 EA CLOSERS 2 EA WEATHERSTRIP 2 EA STOP	- - SCHLAGE - - - IVES	BY DOOR SUPPLIER - REF SPEC BY DOOR SUPPLIER - REF SPEC BY DOOR SUPPLIER - REF SPEC AS REQUIRED BY DOOR SUPPLIER - REF SPEC BY DOOR SUPPLIER - REF SPEC BY DOOR SUPPLIER - REF SPEC RS 13 WITH R14 RISER	SPEC 08 41 13 SPEC 08 41 13 SPEC 08 41 13 US26D SPEC 08 41 13 SPEC 08 41 13 SPEC 08 41 13 US26D
2	STOREFRONT SINGLE	1 EA CONTINUOUS HINGES 1 EA PULL 1 EA EXIT DEVICE 1 EA KEYED CYLINDERS 1 EA THRESHOLD 1 EA CLOSER 1 EA WEATHERSTRIP 1 EA STOP	- - SCHLAGE - - - IVES	BY DOOR SUPPLIER - REF SPEC BY DOOR SUPPLIER - REF SPEC BY DOOR SUPPLIER - REF SPEC AS REQUIRED BY DOOR SUPPLIER - REF SPEC BY DOOR SUPPLIER - REF SPEC BY DOOR SUPPLIER - REF SPEC RS 13 WITH R14 RISER	SPEC 08 41 13 SPEC 08 41 13 SPEC 08 41 13 US26D SPEC 08 41 13 SPEC 08 41 13 SPEC 08 41 13 US26D
3	REAR EXIT - ELECTRICAL	1 EA CONTINUOUS HINGES 1 EA EXIT DEVICE 1 EA EXIT DEVICE TRIM 1 EA KEYED CYLINDERS 1 EA EXIT ALARM 1 EA CLOSER 1 EA THRESHOLD 1 EA DOOR SWEEP 1 EA JAMB WEATHERSTRIP 1 EA DRIP CAP 1 EA PROTECTION PLATE	HAGER DETEX DETEX SCHLAGE DETEX LNC HAGER HAGER HAGER HAGER	760-224, X DOOR HEIGHT 10W SERIES X DOOR WIDTH STANDARD, AS REQUIRED AS REQUIRED EAX-500, SXS 404XP HCUSH X SNB 412S, X DOOR WIDTH 760S, X DOOR WIDTH WITH VINYL INSERTS 891S, X FRAME HEIGHT 810S, X FRAME WIDTH 194S, 34" X DOOR WIDTH	FACTORY ALUMINUM 6229 / US32 6229 / US32 US26D Q1-GREY ALUMINUM 689 MILL FINISH ALUMINUM CLEAR ANODIZED ALUMINUM MILL FINISH ALUMINUM MILL FINISH ALUMINUM US32D
4	RESTROOM	3 EA BUTTS 1 EA CYLINDER 1 EA LOCKSET 1 EA CLOSER 1 EA KICK PLATE 1 EA STOP 1 EA SILENCERS	HAGER SCHLAGE HAGER LNC HAGER HAGER HAGER	BB1279, 4.5 X 4.5 AS REQUIRED 3500 SERIES 404XP RWPA X SNB 194S, 10" X DOOR WIDTH 23S OR 242 AS REQUIRED 307D	US26D US26D US26D ALUMINUM 689 US26D US26D RUBBER
5	HALLWAY	3 EA BUTTS 1 EA STOP 1 EA SILENCERS 1 EA LEVER - STORAGE	HAGER HAGER HAGER HAGER	BB1279, 4.5 X 4.5 23S OR 242 AS REQUIRED 307D 3500 SERIES	US26D US26D RUBBER US26D US32D
6	PATIO GATE	2 EA SPRING HINGE	HAGER	1160	US32D
7	DRIVE-THRU HOP OUT	1 EA CONTINUOUS HINGES 1 EA DOOR PULL/PUSH PLATE 1 EA KEYED CYLINDERS 1 EA THRESHOLD 1 EA CLOSER 1 EA DOOR SWEEP 1 EA JAMB WEATHERSTRIP 1 EA STOP 1 EA DRIP CAP	HAGER SCHLAGE SCHLAGE HAGER LNC HAGER HAGER IVES HAGER	760-224, X DOOR HEIGHT 33E/30S AS REQUIRED 412S, X DOOR WIDTH 404XP HCUSH X SNB 760S, X DOOR WIDTH WITH VINYL INSERTS 891S, FRAME HEIGHT RS 13 WITH R14 RISER 810S, X FRAME WIDTH	FACTORY ALUMINUM US26D US26D AS REQUIRED MILL FINISH ALUMINUM ALUMINUM 689 CLEAR ANODIZED ALUMINUM MILL FINISH ALUMINUM US26D MILL FINISH ALUMINUM

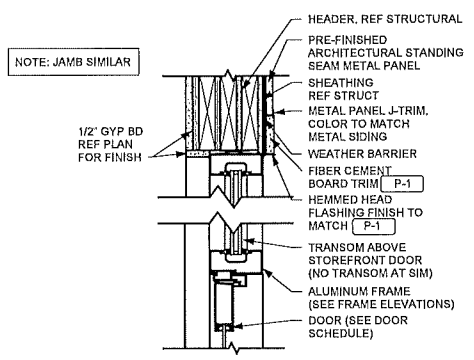
PER TEXAS ACCESSIBILITY STANDARDS:  
SECTION 404.2.8.1 DOOR CLOSERS AND GATE CLOSERS:  
DOOR CLOSERS AND GATE CLOSERS SHALL BE ADJUSTED SO THAT FROM ANY OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.  
SECTION 404.2.9 DOOR AND GATE OPENING FORCE:  
THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE AS FOLLOWS:  
INTERIOR HINGED DOORS AND GATE: 5 POUNDS (22.2N) MAXIMUM.  
THIS FORCE DOES NOT APPLY TO THE FORCE REQUIRED TO RETRACT LATCH BOLTS OR DISENGAGE OTHER DEVICES THAT HOLD THE DOOR OR GATE IN A CLOSED POSITION.

DOOR TYPE NOTES	
NOTE #	COMMENTS
1	PREFINISHED STOUT, REF SPECS FOR ADDITIONAL INFORMATION.
2	EXIT ALARM NOT REQUIRED
3	CUSTOM SWINGS GATE, REF 9-A503, CONSTRUCTED IN FIELD BASED ON GC-PROVIDED SHOP DRAWINGS

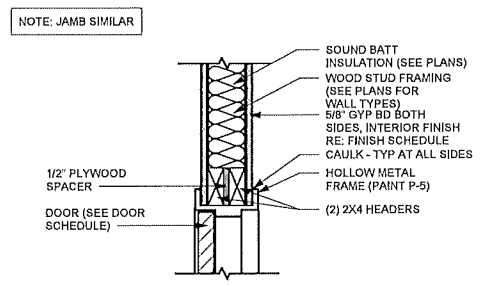
GLAZING SCHEDULE	
LETTER	DESCRIPTION
A	1" INSULATED LOW-E TEMPERED SAFETY GLAZING



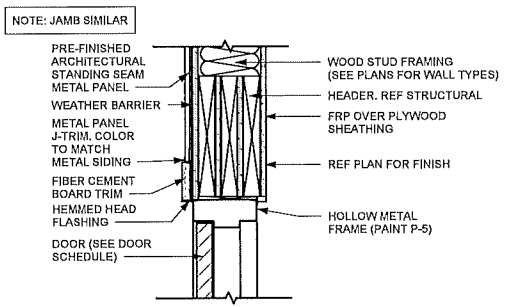
4 1 1/2" = 1'-0"



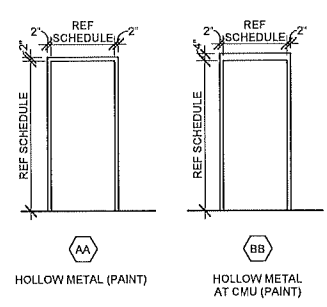
2 1 1/2" = 1'-0"



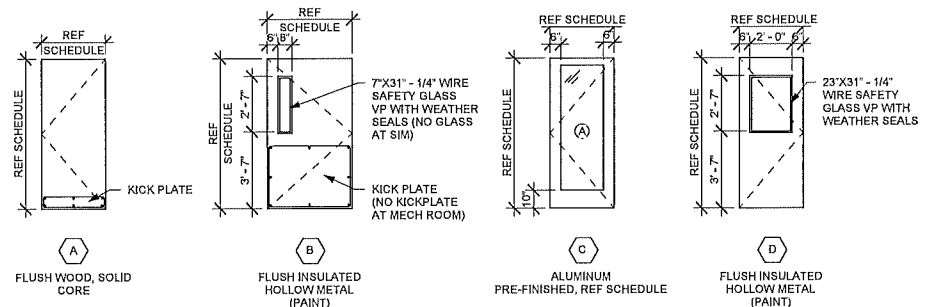
1 1 1/2" = 1'-0"



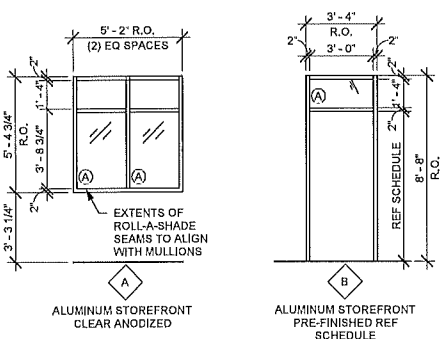
3 1 1/2" = 1'-0"



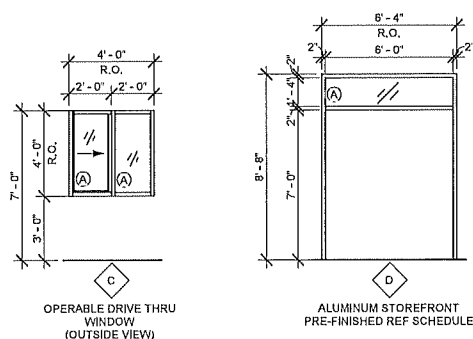
FRAME TYPES



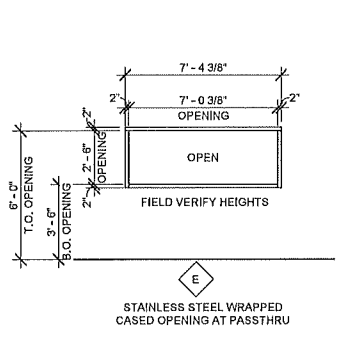
DOOR TYPES



WINDOW TYPES

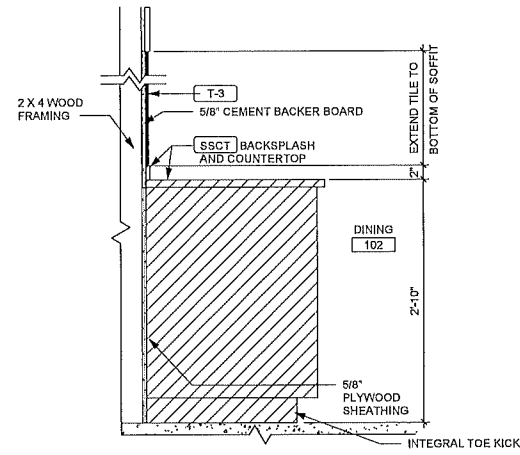


WINDOW TYPES

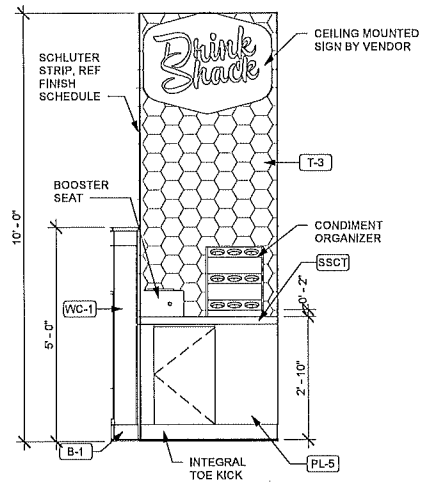


WINDOW TYPES

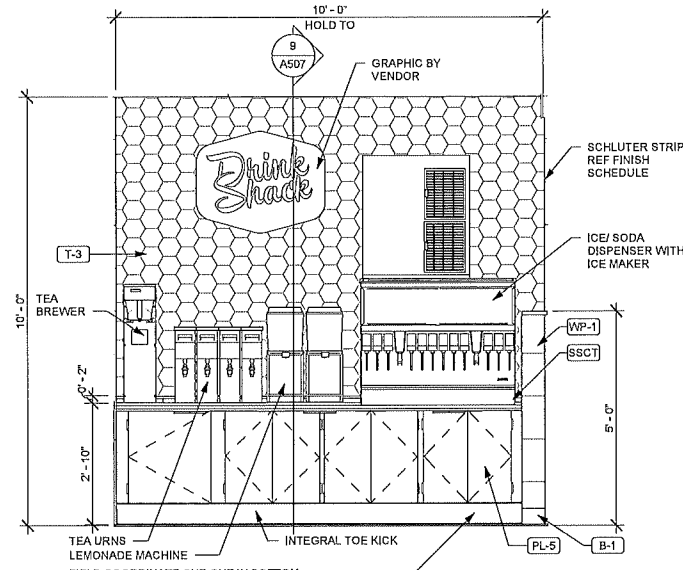
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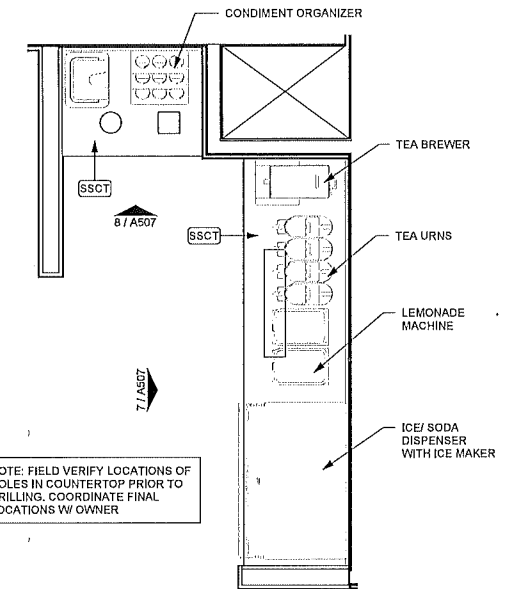
**9 DRINK COUNTER SECTION**  
1" = 1'-0"



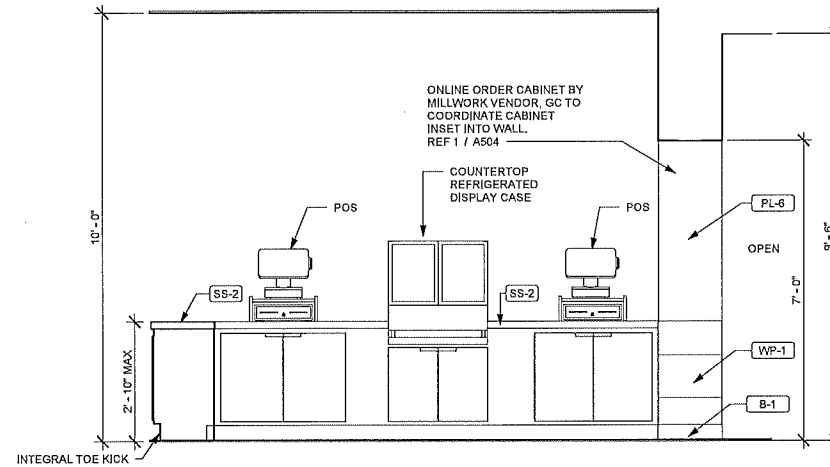
**8 DRINK COUNTER ELEVATION**  
1/2" = 1'-0"



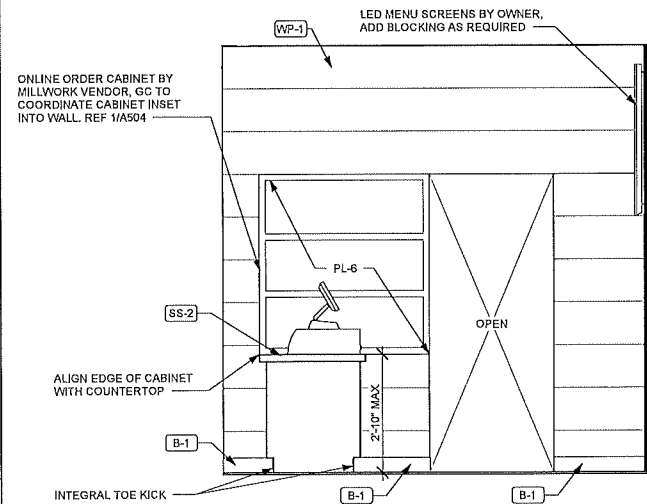
**7 DRINK COUNTER ELEVATION**  
1/2" = 1'-0"



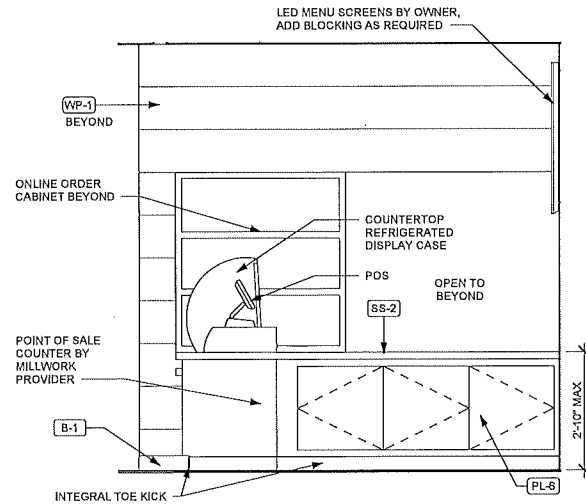
**6 DRINK COUNTER PLAN**  
1/2" = 1'-0"



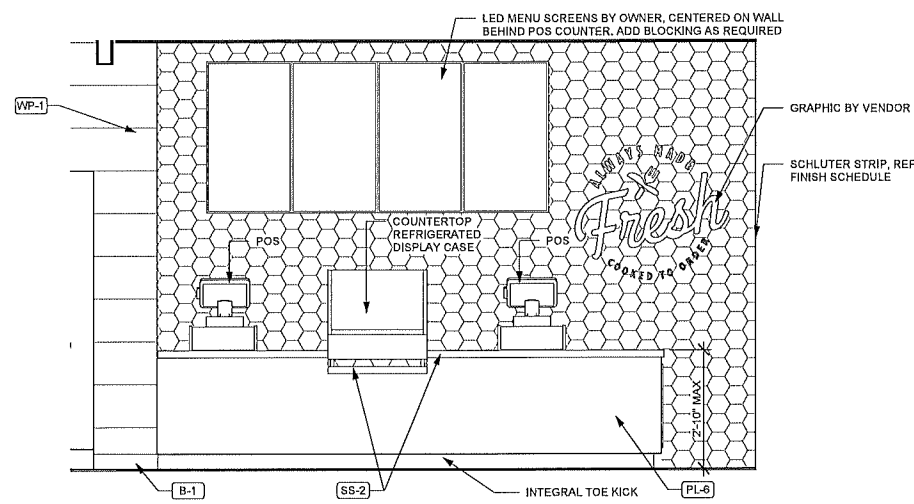
**5 CASHIER - SERVICE SIDE FRONT**  
1/2" = 1'-0"



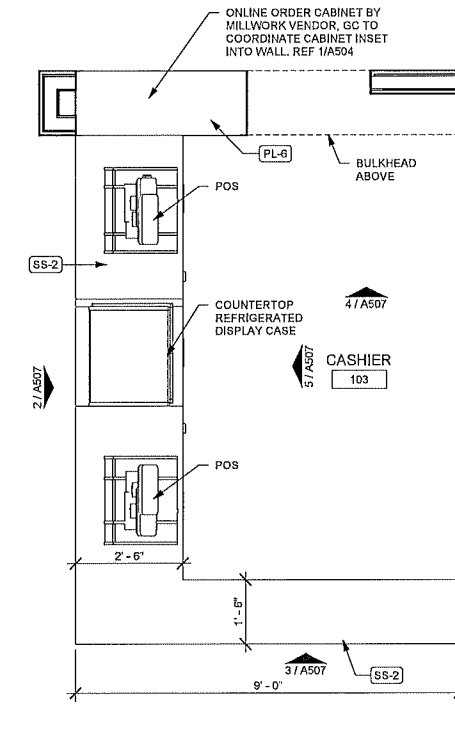
**4 CASHIER - ONLINE ORDER CABINET**  
1/2" = 1'-0"



**3 CASHIER - SIDE**  
1/2" = 1'-0"



**2 CASHIER - FRONT**  
1/2" = 1'-0"



**1 CASHIER PLAN**  
1/2" = 1'-0"



CYNERGY  
810 S CINCINNATI AVE  
SUITE 200  
TULSA, OK 74119  
918.877.6000

STIPULATION FOR REUSE  
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14583 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253  
DATE: 10/30/24

ISSUE BLOCK


CHECKED BY: LW  
DRAWN BY: RM  
DOCUMENT DATE: 10/30/24  
PROTO: Q1-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24



ARCHITECT OF RECORD  
DETAILS - MILLWORK

SHEET: A507

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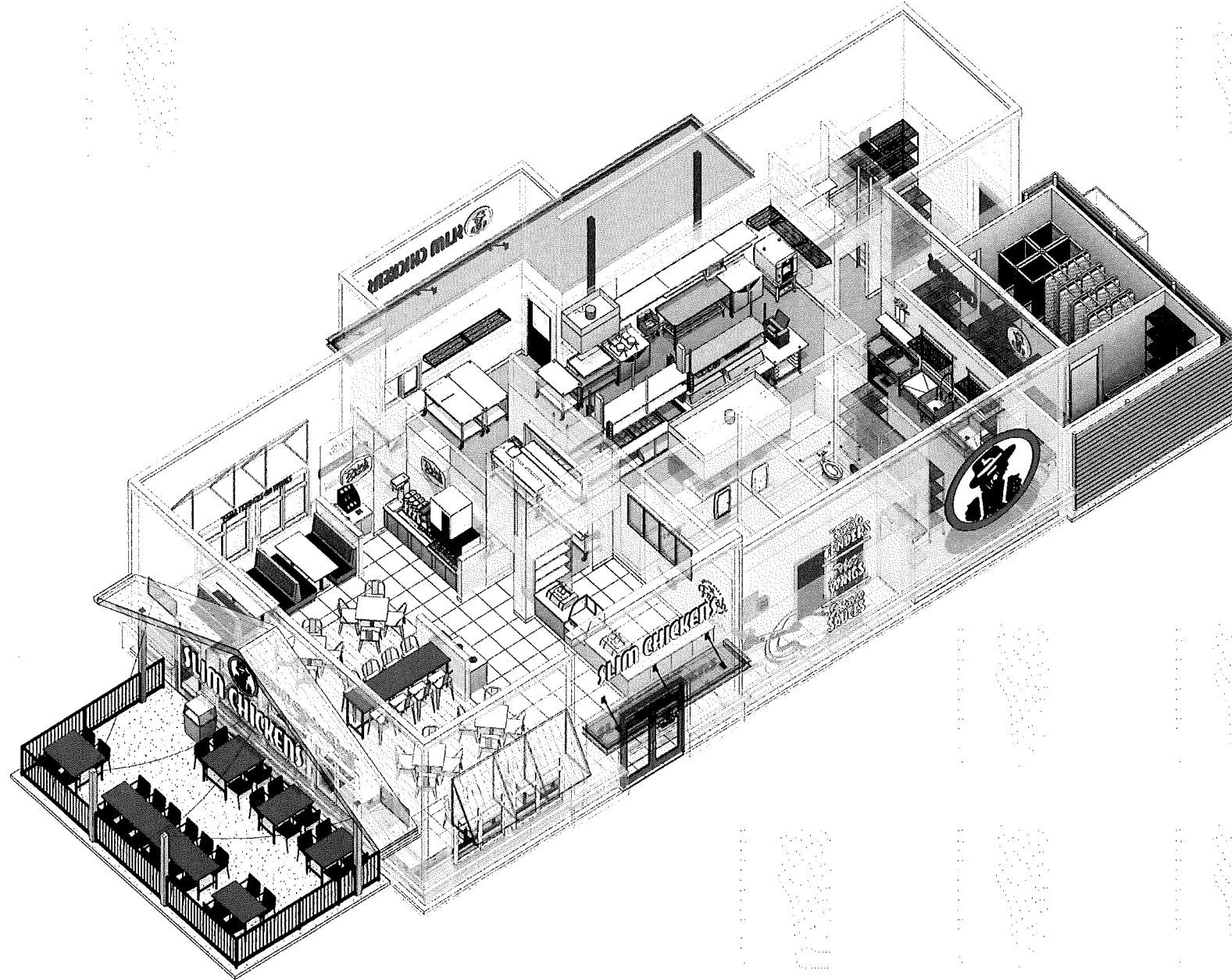


**SLIM CHICKENS**

**RESTAURANT # 00000**

14583 POTRANCO

SAN ANTONIO, TX 78253



**SHEET LIST**

SHEET NUM.	SHEET NAME
K0.0	COVER SHEET
K1.0	KES EQUIPMENT PLAN
K1.1	KES SCHEDULES
K2.0	KES ELEVATIONS
K2.1	KES ELEVATIONS
K3.0	KES WALL BACKING PLAN
KE1.0	KES ELECTRICAL PLAN
KP1.0	KES PLUMBING PLAN

REV	DATE	DESCRIPTION	BY
D	10/30/2024	RESTROOM CHANGE	RD970
C	10/09/2024	LAYOUT CHANGE TO ADD MULTICOOK OVEN	RD970
B	09/26/2024	QUOTE UPDATE	RD970
A	08/21/2024	INITIAL ISSUE	RD970



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 828 Aviation Parkway  
 Smyrna, TN 37187  
 Tel. +800-873-2954  
 fr-service@franke.com  
 www.frankeusa.com

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ACCOUNT  
**SLIM CHICKENS**  
 RESTAURANT #  
 00000  
 TITLE  
 COVER SHEET

OPERATOR  
**BIG STAR CHICKEN**  
 SITE ADDRESS  
 14583 POTRANCO  
 CITY  
 SAN ANTONIO  
 STATE TX ZIP CODE 78253  
 COUNTRY USA REGION AMERICA

BUILDING TYPE  
 FREESTANDING  
 ELECTRICAL SERVICE  
 208V-230V/60HZ  
 GAS SERVICE  
 UNSPECIFIED  
 MARKET MANAGER  
 RICHARD DESMOND  
 FRANKE PROJECT NUMBER  
 1485193  
 FRANKE STORE NUMBER  
 5304611

CREATED BY  
 RD970  
 DATE ISSUED  
 10/30/2024  
 MODIFIED BY  
 RD970  
 DRAWING SCALE  
 AS NOTED  
 UNITS  
 INCH  
 DRAWING NAME  
 00000 SAN ANTONIO, TX

SHEET NAME  
**K0.0**  
 REVISION  
 D

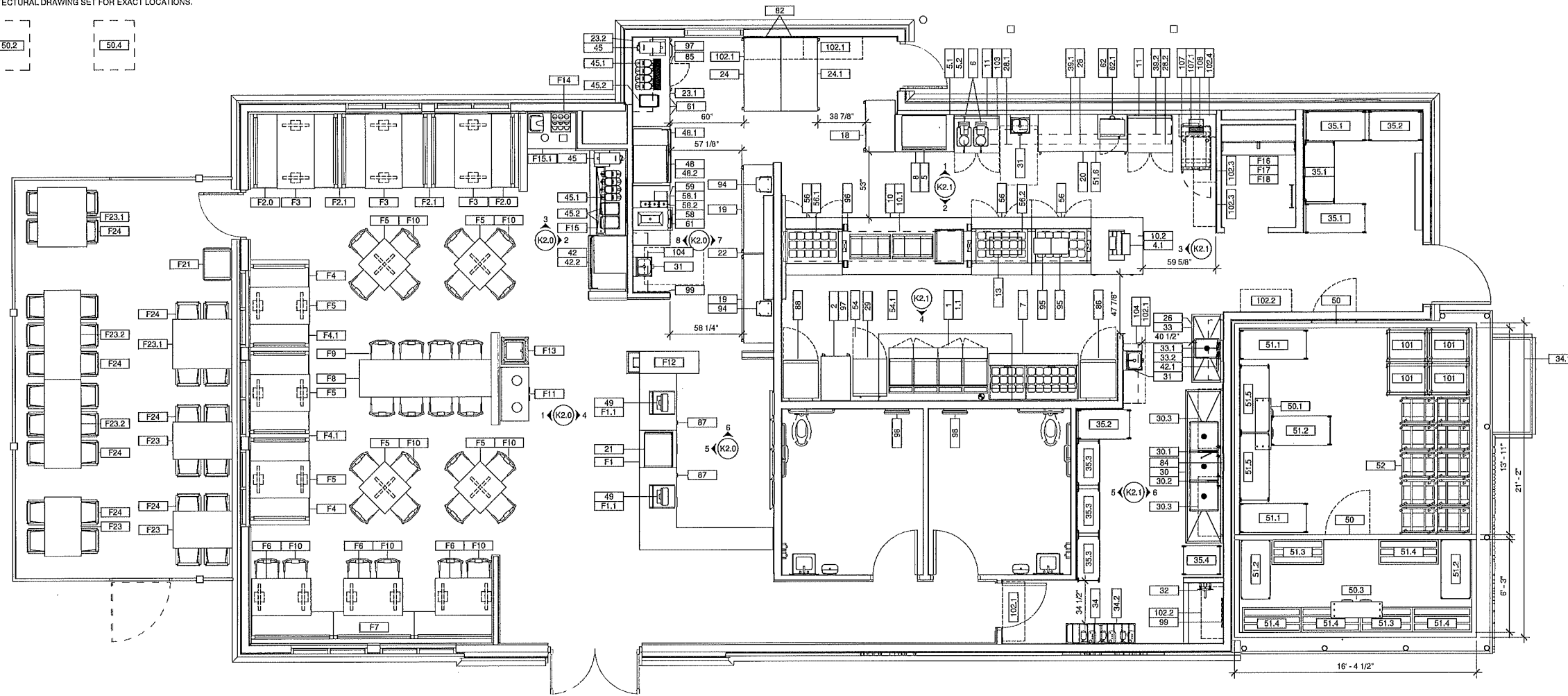
**FRANKE CONTACT INFORMATION**

MARKET MANAGER	RICHARD DESMOND
EMAIL	RICHARD.DESMOND@FRANKE.COM
PHONE	470-476-7916
PROJECT MANAGER	ROSE MEHO
EMAIL	ROSE.MEHO@FRANKE.COM
PHONE	615-636-4154



NOTE: CONDENSING UNITS LOCATED ON CONCRETE SLAB/ BUILDING ROOF.  
SEE ARCHITECTURAL DRAWING SET FOR EXACT LOCATIONS.

50.2 50.4



1 KES EQUIPMENT PLAN  
1/4" = 1'-0"

**DRAWING NOTES**

- THIS DRAWING REFLECTS THE EQUIPMENT ORDERED AS OF THE DATE SHOWN. ADDITIONS OR DELETIONS MAY BE MADE TO THE ORDER, AND THESE CHANGES MAY NOT BE REFLECTED IN THIS DRAWING. PLEASE CONTACT FRANKIE, INC. TO ADDRESS ANY QUESTIONS OR TO CONFIRM YOUR ORDER.
- ANY DEVIATIONS FROM THESE PLANS, FOR ANY REASON, SHALL NOT BE DONE WITHOUT PRIOR WRITTEN NOTIFICATION TO FRANKIE FOODSERVICE SYSTEMS, INC. FRANKIE FOODSERVICE SYSTEMS, INC. SHALL NOT BE HELD RESPONSIBLE FOR DEVIATIONS, CHANGES, ADDITIONS OR DELETIONS NOT REVIEWED AND APPROVED IN ADVANCE BY A FRANKIE REPRESENTATIVE.
- FRANKIE FOODSERVICE SYSTEMS HAS PREPARED THESE PLANS AS ACCURATELY AS POSSIBLE WITH THE ARCHITECTURAL INFORMATION PROVIDED. FRANKIE CANNOT BE HELD RESPONSIBLE FOR ADDITIONAL CONSTRUCTION COSTS DUE TO INACCURATE OR INCOMPLETE ARCHITECTURAL INFORMATION. ANY COSTS INCURRED DUE TO ADJUSTMENTS TO THESE PLANS BASED ON-SITE CONDITIONS, SHALL BE AT THE OWNER'S EXPENSE.
- FOR ANY KITCHEN AREAS NOT SHOWING EQUIPMENT, NO WORK IS TO BE PERFORMED IN THAT AREA UNLESS SPECIFICALLY INSTRUCTED OTHERWISE ON THESE DRAWINGS OR BY A FRANKIE REPRESENTATIVE IN A WRITTEN COMMUNICATION.

**GENERAL CONTRACTOR NOTES**

- GC1 PRIOR TO CONSTRUCTION START, IT IS RECOMMENDED THAT THE GENERAL CONTRACTOR VERIFY ALL BUILDING DIMENSIONS, EQUIPMENT PLACEMENT, FURNITURE PLACEMENT, & UTILITY LOCATIONS. PLEASE NOTIFY A FRANKIE REPRESENTATIVE IN WRITING IF ADJUSTMENTS TO THE DRAWINGS ARE REQUIRED.
- GC2 ALL WORK SHALL BE PERFORMED BY A QUALIFIED LICENSED CONTRACTOR IN ACCORDANCE WITH ALL COUNTRY, STATE, & LOCAL CODES.
- GC3 ALL WORK SHALL BE COMPLETED IN A NEAT, PROFESSIONAL, & SAFE WORKMAN-LIKE MANNER.
- GC4 NOTIFY FRANKIE IMMEDIATELY IF COMPLIANCE WITH ANY CODES IS IN CONFLICT WITH THESE DRAWINGS.
- GC5 NOTIFY FRANKIE IMMEDIATELY IF THESE DRAWINGS DIFFER FROM THE ARCHITECTURAL OR MEP DRAWINGS.
- GC6 THESE DRAWINGS ONLY INCLUDE THE REQUIREMENTS FOR THE ITEMS PROVIDED BY FRANKIE. G.C. TO VERIFY THE REQUIREMENTS FOR ITEMS NOT PROVIDED BY FRANKIE. REFER TO ARCHITECTURAL, STRUCTURAL, OR MEP DRAWING FOR OTHER REQUIREMENTS.
- GC7 G.C. SHALL PROVIDE & INSTALL PLYWOOD WALL BACKING FOR EQUIPMENT WHERE IT IS REQUIRED.
- GC8 G.C. TO DETERMINE THE LOCATION OF & SET REMOTE CONDENSERS ON ROOF.
- GC9 G.C. TO PROVIDE & INSTALL EQUIPMENT STAND & PITCH PANS FOR ROOF MOUNTED CONDENSING UNITS.
- GC10 G.C. SHALL PROVIDE ACCESS FOR THE EQUIPMENT TRUCK TO WITHIN 10' OF THE BUILDING DOORS PRIOR TO THE ARRIVAL OF THE EQUIPMENT TRUCK AT THE RESTAURANT.
- GC11 BY OWNER EQUIPMENT WILL BE LISTED IN THE MAIN EQUIPMENT SCHEDULE.

REV	DATE	DESCRIPTION
D	10/30/2024	RESTROOM CHANGE
C	10/09/2024	LAYOUT CHANGE TO ADD MULTI-COOK OVEN
B	09/26/2024	QUOTE UPDATE
A	08/21/2024	INITIAL ISSUE



Frankie Foodservice Systems America, Inc.  
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Tel. +1 615 472-2954  
frankie@frankie.com  
www.frankie.com

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ACCOUNT  
**SLIM CHICKENS**

RESTAURANT #  
00000

TITLE  
KES EQUIPMENT PLAN

OPERATOR  
BIG STAR CHICKEN

SITE ADDRESS  
14583 POTRANCO

CITY  
SAN ANTONIO

STATE ZIP CODE  
TX 78253

COUNTRY REGION  
USA AMERICA

BUILDING TYPE  
FREESTANDING

ELECTRICAL SERVICE  
208V-230V/60HZ

GAS SERVICE  
UNSPECIFIED

MARKET MANAGER  
RICHARD DESMOND

FRANKIE PROJECT NUMBER  
1485193

FRANKIE STORE NUMBER  
5304611

CREATED BY  
RD970

DATE ISSUED  
10/30/2024

MODIFIED BY  
RD970

DRAWING SCALE  
AS NOTED

UNITS  
INCH

DRAWING NAME  
00000 SAN ANTONIO, TX

SHEET NAME  
**K1.0**

REVISION  
D

KES EQUIPMENT SCHEDULE

ITEM #	QTY.	DESCRIPTION	MANUFACTURER	MODEL #	FRANKE PART #	FURNISHED BY	REMARKS
1	1	4-VAT GAS Fryer	FRYMASTER	SCPH0463	390193	FRANKE	(4) 20" 90 LB CAPACITY VAT Fryer
1.1	1	GAS HOSE KIT	OCORWINT	16150K1549	551098	FRANKE	
2	1	TABLE S/S MOBILE 24"X36", OPEN BASE	FRANKE	18030588	18030586	FRANKE	
4.1	1	CONVEYOR TOASTER	APW WYOTT	M-95-2	390196	FRANKE	
5	1	36" COUNTERTOP GRIDDLE	STAR	538TGF	390323	FRANKE	
5.1	1	HOOD F.GRIDDLE, 48"	CAPTIVEARE	-	-	OTHERS	BY GC
5.2	1	EXHAUST FAN	CAPTIVEARE	-	-	OTHERS	BY GC
6	2	WAFFLE BAKER	-	-	-	OTHERS	BY GC
7	1	72" BREADING STATION REFRIGERATOR	TURBO AIR	MST-72-30-N	390005	FRANKE	
8	1	WORK TABLE, 48" X 30" F.GRIDDLE	FRANKE	18030639	18030639	FRANKE	W/UNDERSHELF
10	2	WORK TABLE W/ DUMP STATION, 105"X48.5" (FLANKED FEET) W/DROP-IN HOT FOOD WELL	FRANKE	18031703	18031703	FRANKE	
10.1	1	DOUBLE OVERSHELF W/CASES, 105"X24", CEILING MTD.	FRANKE	SPECIALFG	SPECIALFG	FRANKE	
10.2	1	EXTENDED TOASTER TABLE W/ BUN RACK, 48"X46" 1/2"	FRANKE	18030062	18030062	FRANKE	
11	2	WORKTOP REFRIGERATOR, 36"	TURBO AIR	TWR-36SD-180	390318	FRANKE	
13	1	PRODUCT HOLDING UNIT (8-PAN) (PASS-THRU)	DUKE	RTHU-23-4	390010	FRANKE	ADJUSTABLE UNDERSHELF
16	1	STAGING TABLE W/OVERSHELF 42"W X 24"D	FRANKE	18030633	18030633	FRANKE	
19	2	WORKTABLE (72"W X 24"D), CONDIMENT BIN SHELF	FRANKE	18030557	18030557	FRANKE	
20	1	WORK TABLE 72" X 30"	FRANKE	18030520	18030520	FRANKE	
21	1	COUNTERTOP REFRIGERATED DISPLAY CASE	ADMIRAL CRAFT	BDRCITD-120	390013	FRANKE	
22	1	PASS-THRU SHELF W/ TRAY (84"W X 18"D)	FRANKE	18028170	18028170	FRANKE	
23.1	1	BEVERAGE TABLE W/DROP TROUGH (72"W X 30"D)	FRANKE	18030501	18030501	FRANKE	ADJUSTABLE UNDERSHELF
23.2	1	WALL MOUNTED SHELF, 60" X 16"	FRANKE	18028085	18028085	FRANKE	
24	1	TABLE S/S MOBILE 60"X30", CASH DRAWER	FRANKE	18030554	18030554	FRANKE	
24.1	1	TABLE S/S MOBILE 60"X30"	FRANKE	18030537	18030537	FRANKE	
25	1	TRASH CAN, 21" QT., BLACK	RUBBERMAID	-	-	FRANKE	IN SMALLWARES PKG
26	1	WALL MOUNTED SHELF, 72" X 24"	FRANKE	18028095	18028095	FRANKE	
26.1	1	WALL MOUNTED SHELF, 60" X 24"	FRANKE	18028087	18028087	FRANKE	
26.2	1	WALL MOUNTED SHELF, 36" X 24"	FRANKE	18028088	18028088	FRANKE	
26.3	1	28" WORKTOP REFRIGERATOR	TURBO AIR	TWR-28SD-N	390014	FRANKE	SET IN PLACE PER PLAN
30	1	SINK, 3 COMP, 124" X 30"	FRANKE	18029029	18029029	FRANKE	
30.1	1	PRE-RINSE UNIT W/FAUCET	-	-	-	OTHERS	
30.2	1	8" FAUCET	-	-	-	OTHERS	
30.3	2	SMARTWALL SHELVSNG	METRO	CUSTOM	390015	FRANKE	
31	3	HAND SINK W/SIDE SPLASHES	GSW	HS-1616KS	628453	FRANKE	
32	1	8" FAUCET, MOP SINK	-	-	-	OTHERS	BY GC
33	1	SINK, 1 COMP W/18" DUAL DRAINBOARDS	FRANKE	18028905	18028905	FRANKE	
33.1	1	8" FAUCET	-	-	-	OTHERS	
33.2	1	WALL MOUNTED SHELF, 48" X 12"	FRANKE	18028093	18028093	FRANKE	
34	1	BAG-IN-BOX CARBONATORS	-	-	-	OTHERS	BY GC
34.1	1	BULK CO2 TANK	-	-	-	OTHERS	BY GC
34.2	1	BAG-IN-BOX (FOR BACKUP)	-	-	-	OTHERS	BY GC
35.1	3	24" X 48" 5-TIER STORAGE SHELVING	QUANTUM FOOD SERVICE	WR88-2448P-5	390017	FRANKE	ON CASTERS
35.2	2	24" X 42" 5-TIER STORAGE SHELVING	QUANTUM FOOD SERVICE	WR88-2442P-5	390018	FRANKE	ON CASTERS
35.3	3	18" X 36" 5-TIER STORAGE SHELVING	QUANTUM FOOD SERVICE	WR88-1836P-5	390297	FRANKE	ON CASTERS
35.4	1	24" X 30" 5-TIER STORAGE SHELVING	QUANTUM FOOD SERVICE	WR88-2430P-5	390233	FRANKE	ON CASTERS
39.1	1	WALL MOUNTED SHELF, 48" X 16"	FRANKE	18028084	18028084	FRANKE	
39.2	1	WALL MOUNTED SHELF, 36" X 16"	FRANKE	18028086	18028086	FRANKE	
42	1	ICE MACHINE (1500LB CAPACITY)	HOSHIZAKI	F-1501MAJ-C	390020	FRANKE	AIR-COOLED SELF-CONTAINED
42.1	1	WATER FILTRATION SYSTEM	3M PURIFICATION	DP200	390021	FRANKE	
42.2	1	COUNTERTOP ICESODA DISPENSER (12 VALVE)	LANCER	BD 4500-44	-	FRANKE	
45	2	TEA BREWER	CURTIS	RSTB	-	OTHERS	
45.1	8	TEA DISPENSER	CURTIS	TCN	-	OTHERS	
45.2	3	LEMONADE DISPENSER	CRATICO	D15-3C	-	OTHERS	
46	1	ICE MACHINE (1500LB CAPACITY)	HOSHIZAKI	F-1501MAJ-C	390020	FRANKE	AIR-COOLED SELF-CONTAINED
48.1	1	SODA WORK TABLE (48"W X 30"D X 31"H) (H.D.)	FRANKE	18028248	18028248	FRANKE	
48.2	1	COUNTERTOP ICESODA DISPENSER (12 VALVE)	LANCER	BD 4500-44	-	OTHERS	
49	2	POS & MONITOR	-	-	-	OTHERS	BY GC
50	2	WALK-IN COOLER/FREEZER	THERMALRITE	CUSTOM	REFER TO QUOTE	FRANKE	
50.1	1	WALK-IN COOLER EVAPORATOR	HTPG - RUSSELL DOE	RL6A117ADARE	-	FRANKE	
50.2	1	WALK-IN COOLER CONDENSING UNIT	HTPG - RUSSELL DOE	RF0200E4SEANT	-	FRANKE	
50.3	1	WALK-IN FREEZER EVAPORATOR	HTPG - RUSSELL DOE	RL6E90DDARE	-	FRANKE	
50.4	1	WALK-IN FREEZER CONDENSING UNIT	HTPG - RUSSELL DOE	RF0300L4SEANT	-	FRANKE	
50.5	1	HEAT TAPE FOR EVAP. DRINKLINE	-	-	-	OTHERS	BY GC
51.1	2	24" X 64" 5-TIER STORAGE SHELVING	QUANTUM FOOD SERVICE	WR88-2454P-5	390016	FRANKE	ON CASTERS
51.2	3	24" X 48" 5-TIER STORAGE SHELVING	QUANTUM FOOD SERVICE	WR88-2448P-5	390017	FRANKE	ON CASTERS
51.3	2	DURNAGE RACK (42"W X 20"D X 12"H)	NEW AGE	2054	390026	FRANKE	
51.4	4	DURNAGE RACK (48"W X 20"D X 12"H)	NEW AGE	2006	390025	FRANKE	
51.5	2	24" X 64" 5-TIER STORAGE SHELVING	QUANTUM FOOD SERVICE	WR74-2454P-5	390338	FRANKE	ON CASTERS
51.6	1	DURNAGE RACK (60"W X 20"D X 12"H)	NEW AGE	2006	390337	FRANKE	
52	10	MOBILE PAN RACK (30 SLIDE CAPACITY)	CHANNEL	400A	390028	FRANKE	

KES EQUIPMENT SCHEDULE

ITEM #	QTY.	DESCRIPTION	MANUFACTURER	MODEL #	FRANKE PART #	FURNISHED BY	REMARKS
54	1	HOOD FRYERS	CAPTIVEARE	-	-	OTHERS	BY GC
54.1	1	EXHAUST FAN	CAPTIVEARE	-	-	OTHERS	BY GC
56	3	PREP REFRIGERATOR, 48" DUAL SIDED	TURBO AIR	TST-48SD-18-N-DS	390247	FRANKE	
56.1	1	DOUBLE OVERSHELF, 48"X24", CEILING MTD.	FRANKE	18029945	18029945	FRANKE	BOLT TO ITEM 10.1
56.2	1	DOUBLE OVERSHELF, 60"X24", CEILING MTD.	FRANKE	TBD	TBD	FRANKE	BOLT TO ITEM 10.1
58	1	SHANK MACHINE	TAYLOR	AM-2	390190	FRANKE	
58.1	1	BLENDER	ASTRO	AM-2	390190	FRANKE	
58.2	1	3-TIER FOUNTAIN JAR WIRE RACK	CALMIL	CUSTOM400	390346	FRANKE	
59	1	WORK TABLE (48" W X 30" D X 31" H) (H.D.)	FRANKE	18028238	18028238	FRANKE	
61	5	CUP DISPENSER	FRANKE	27020271	27020271	FRANKE	
62	1	MICROWAVE OVEN	PANASONIC	NE-1054F	390037	FRANKE	
62.1	1	MICROWAVE SHELF 24" W X 20" D	FRANKE	18027690	18027690	FRANKE	
62.2	2	CHECK HOLDER - 30"	SAN JAMAR	CKH530A	20.210000644	FRANKE	
64	1	MAGNETIC WIFE HOLDER	DEXTER RUSSELL	MSB-18	390040	FRANKE	
65	1	UNDERCOUNTER REFRIGERATOR W/ GLASS DOOR	TURBO AIR	MUR-20SG-NB	390041	FRANKE	
66	1	REACH-IN REFRIGERATOR, LH	TURBO AIR	M3F24-1-N	626247	FRANKE	
67	6	CUP DISPENSER	FRANKE	27802671	27802671	FRANKE	
68	1	REACH-IN FREEZER, LH	TURBO AIR	27012969	27012969	FRANKE	
68.1	1	TO GO PLASTIC BAG RACK HOLDER	FRANKE	27012969	27012969	FRANKE	
65	2	PAPER WRAP HOLDER	DUKE	DQ-SHORT-WRAP-HOLDER	390042	FRANKE	
66	4	VERTICAL SAUCE HOLDER	DUKE	DD900078	390043	FRANKE	
67	2	INGREDIENT BIN	CAMPBRO	BS20148	390103	FRANKE	
68	1	BARY CHANGING STATION, VERTICAL	KOALA KARE	KB30105	390055	FRANKE	
99	2	BROOM/MOP HOLDER	FRANKLIN MACHINE	78-1245	390045	FRANKE	
101	4	MOBILE FOOD PAN TROLLEY	PRODDUTS	UGVPR21736460	320046	FRANKE	
101.1	4	WALL MT. WIRE SHELF W/BRACKETS (48" W X 18"D)	EAGLE GROUP	GW1848VG	390047	FRANKE	
102	2	WALL MT. WIRE SHELF W/BRACKETS (42" W X 18"D)	EAGLE GROUP	1842VG	390335	FRANKE	
102.1	2	WALL MT. WIRE SHELF W/BRACKETS (36" W X 18"D)	EAGLE GROUP	1835VG	-	FRANKE	
102.2	1	WALL MT. WIRE SHELF W/BRACKETS (30" W X 18"D)	EAGLE GROUP	1830VG	-	FRANKE	
103	1	WALL MOUNTED SHELF, 60" X 12"	FRANKE	SPECIALFG	SPECIALFG	FRANKE	
104	2	WALL MOUNTED SHELF, 48" X 12"	FRANKE	18028093	18028093	FRANKE	
107	1	ELECTRIC MULTI-COOK OVEN	ALTO-SHAAM	C/MC-12H	-	FRANKE	
107.1	1	EQUIPMENT STAND, OVEN	ALTO-SHAAM	5033304; C/MC	-	FRANKE	
108	1	DRAINER W/SHRINK W/ROD	ALTO-SHAAM	500-10N	-	FRANKE	
F1	1	FRONT COUNTER, JOURNEY	MSW	3044-15138-15139	390051	FRANKE	
F1.1	2	POS SHROUD	MSW	4021-15138	390052	FRANKE	
F2.0	2	SINGLE BOOTH, 60" W/ UNFINISHED BACK	MSW INC.	1805-14885	390053	FRANKE	
F2.1	2	DOUBLE BOOTH, 60"	MSW INC.	1805-14885	390054	FRANKE	
F3	3	BOOTH TABLE TOP 60" W X 30" D, MOCHA	MSW	11204-14690	390055	FRANKE	
F4	2	SINGLE BOOTH, 48" W/ FINISHED BACK	MSW INC.	1805-14881	390056	FRANKE	
F4.1	2	DOUBLE BOOTH, 48"	MSW INC.	1805-14882	390057	FRANKE	
F5	3	BOOTH TABLE TOP 48" W X 30" D, MOCHA	MSW	11204-14688	390058	FRANKE	
F5.1	4	TABLE TOP 30" W X 30" D, MOCHA	MSW	11204-14691	390059	FRANKE	
F6	3	TABLE TOP 48" W X 30" D, MOCHA	MSW	11204-14689	390058	FRANKE	
F7	1	BANQUETTE WALL BENCH	MSW	1808-15194	390061	FRANKE	
F8	1	FARM TABLE TOP (108" W X 30" D/110" HEIGHT)	MSW	11752-14441	390062	FRANKE	
F9	8	BAR STOOL (110" HEIGHT)	MSW	6055-14079	390063	FRANKE	
F10	22	INDOOR CHAIR	MSW	6055-14077	390064	FRANKE	
F11	1	TRASH RECEPTACLE, DOUBLE	MSW	3048	390065	FRANKE	
F12	1	QLO (FRONT COUNTER)	MSW	4039	390066	FRANKE	
F13	1	HIGH CHAIR	KOALA KARE PRODUCTS	KB368-02	390105	FRANKE	
F14	1	CONDIMENT ORGANIZER	MSW	4021-15137-13961	390067	FRANKE	
F15	1	BEVERAGE COUNTER W/DRAIN TROUGH	MSW	3045	390068	FRANKE	
F16	1	CONDIMENT COUNTER W/TRASH	MSW	3001-9999	390069	FRANKE	
F18.1	1	OFFICE COUNTERTOP	MSW	6411-12179	390070	FRANKE	
F17	2	OFFICE WALL SHELF	MSW	64011-12179	390070	FRANKE	
F18	1	OFFICE CHAIR	-	-	-	FRANKE	
F21	1	OUTDOOR TRASH RECEPTACLE CONTAINER W/TOP	RUBBERMAID	FG25800 BRN FG25600	793340793342	FRANKE	
F23	3	OUTDOOR METAL PATIO TABLE (48" W X 30" D)	MSW	13400-15025	390071	FRANKE	
F23.1	2	OUTDOOR METAL PATIO TABLE (48" W X 40" D) (ADA)	MSW	13400-15026	390072	FRANKE	
F23.2	2	OUTDOOR METAL PATIO TABLE (72" W X 30" D)	MSW	13919	TBD	FRANKE	
F24	32	OUTDOOR CHAIR (SW. MESH)	BANSEY FLEMING MARKETING (BFM)	SU1301CBL	390079	FRANKE	

RD970  
RD970  
RD970  
RD970

RESTROOM CHANGE  
LAYOUT CHANGE TO ADD MULTI-COOK OVEN  
QUOTE UPDATE  
INITIAL ISSUE  
DESCRIPTION

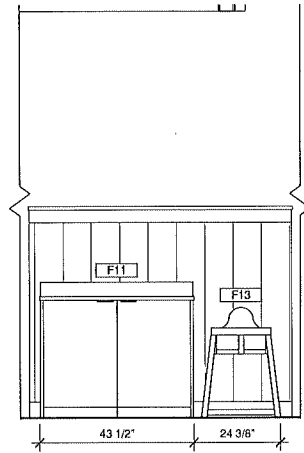
D 10/30/2024  
C 10/09/2024  
B 09/26/2024  
A 08/21/2024

REV DATE

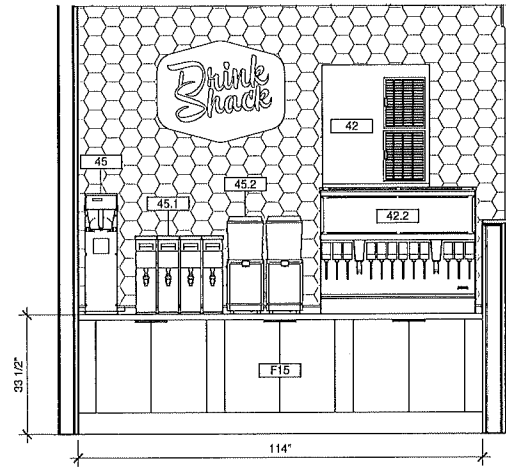


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frankesalesusa@franke.com  
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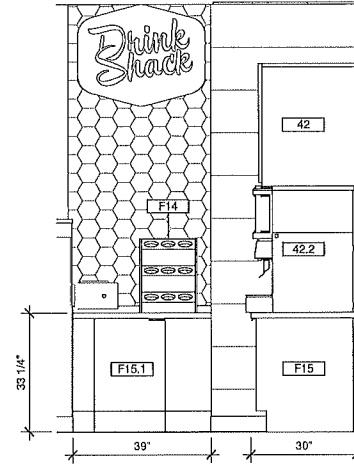
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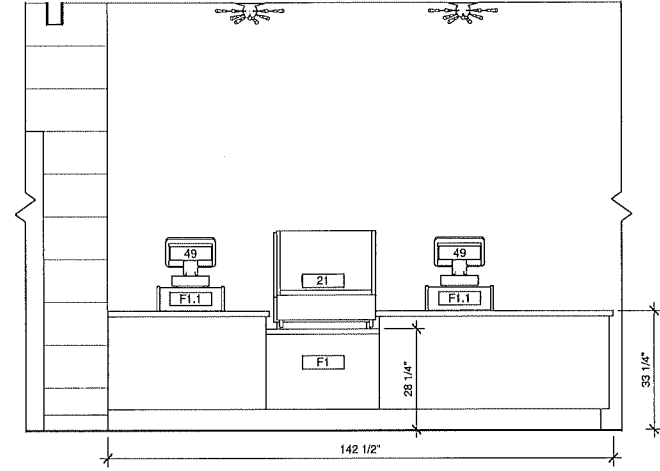
1 LOBBY ELEVATION  
1/2" = 1'-0"



2 BEVERAGE COUNTER ELEVATION  
1/2" = 1'-0"

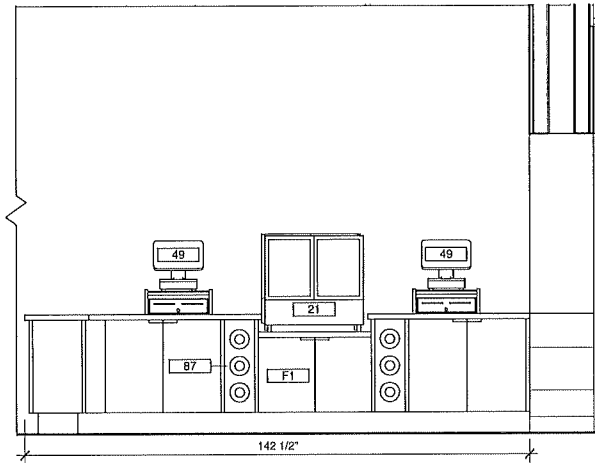


3 CONDIMENT COUNTER ELEVATION  
1/2" = 1'-0"

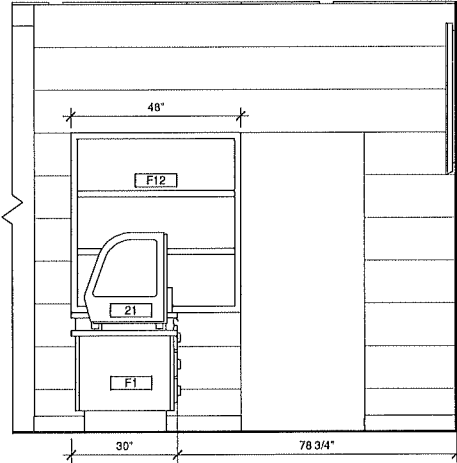


4 FRONT COUNTER ELEVATION - CUSTOMER VIEW  
1/2" = 1'-0"

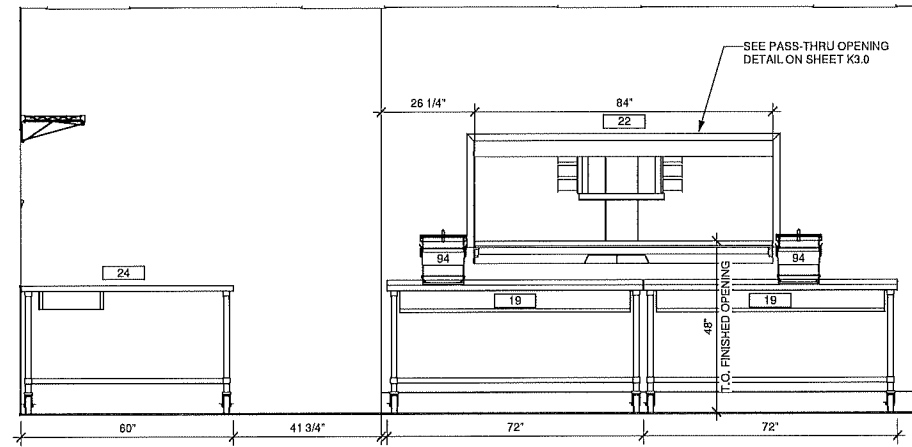
REV	DATE	DESCRIPTION	BY
D	10/30/2024	RESTROOM CHANGE	RD970
C	10/09/2024	LAYOUT CHANGE TO ADD MULTICOOK OVEN	RD970
B	09/26/2024	QUOTE UPDATE	RD970
A	09/21/2024	INITIAL ISSUE	RD970



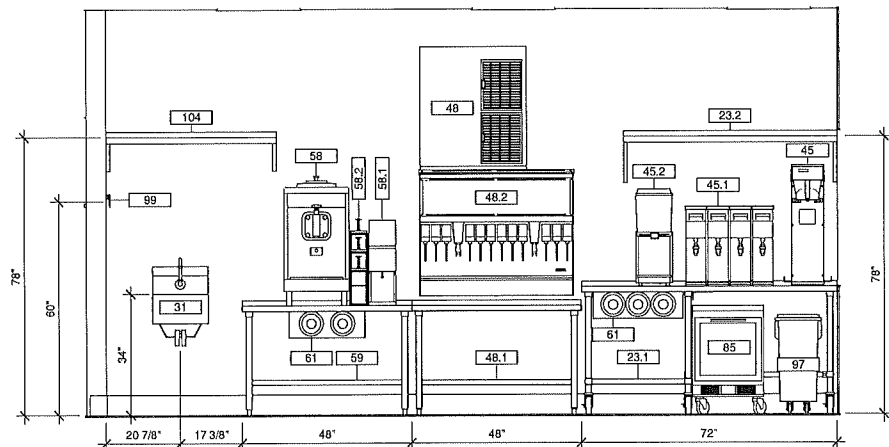
5 FRONT COUNTER ELEVATION - CREW VIEW  
1/2" = 1'-0"



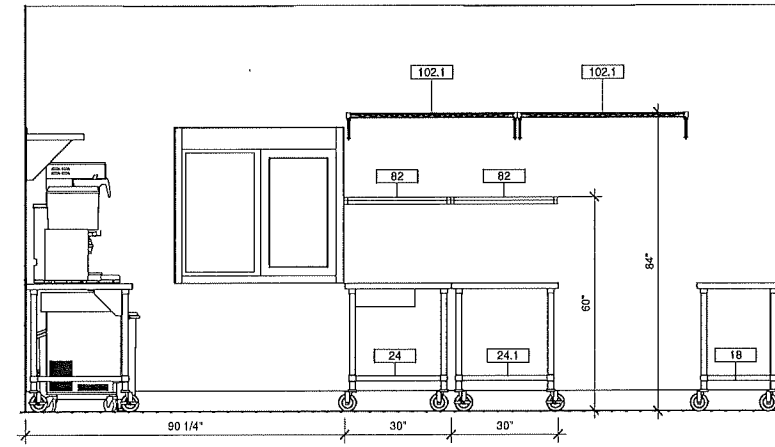
6 FRONT COUNTER ELEVATION - OLO  
1/2" = 1'-0"



7 PASS-THRU WINDOW ELEVATION - EXPO SIDE  
1/2" = 1'-0"



8 DT WALL ELEVATION  
1/2" = 1'-0"



9 DT WINDOW ELEVATION  
1/2" = 1'-0"



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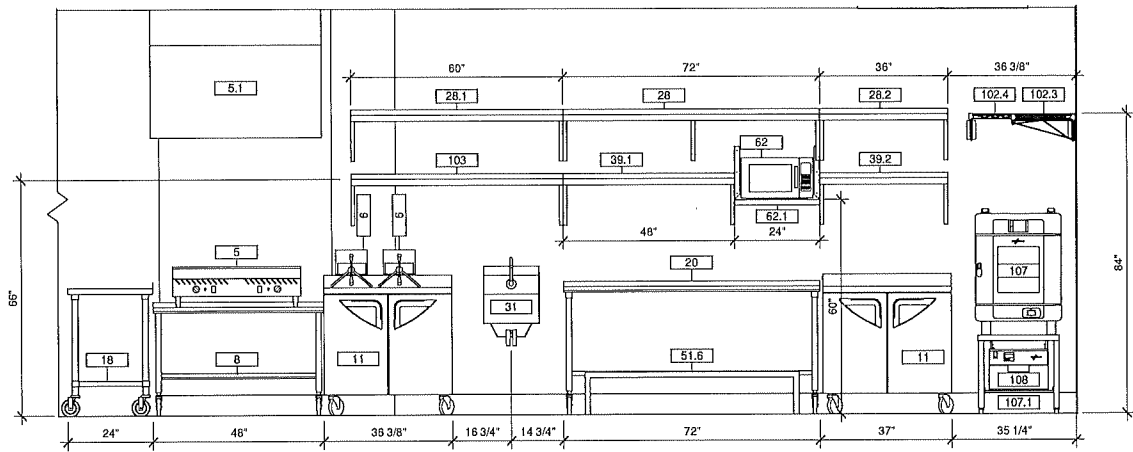
ACCOUNT  
**SLIM CHICKENS**  
RESTAURANT #  
00000  
TITLE  
KES ELEVATIONS

OPERATOR  
BIG STAR CHICKEN  
SITE ADDRESS  
14583 POTRANCO  
CITY  
SAN ANTONIO  
STATE TX ZIP CODE  
78253  
COUNTRY REGION  
USA AMERICA

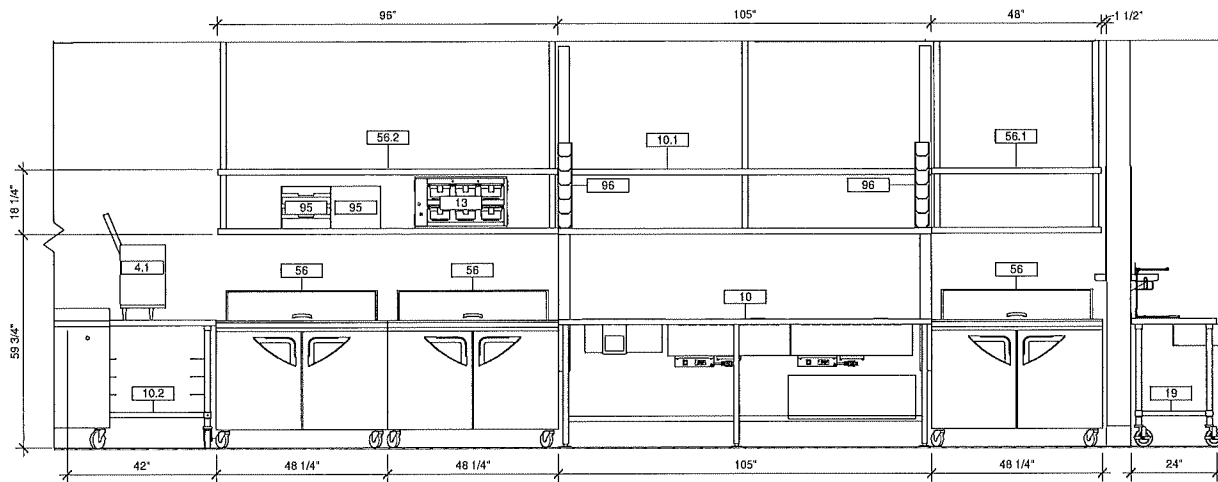
BUILDING TYPE  
FREESTANDING  
ELECTRICAL SERVICE  
208V-230V/60HZ  
GAS SERVICE  
UNSPECIFIED  
MARKET MANAGER  
RICHARD DESMOND  
FRANKE PROJECT NUMBER  
1485183  
FRANKE STORE NUMBER  
5304611

CREATED BY  
RD970  
DATE ISSUED  
10/30/2024  
MODIFIED BY  
RD970  
DRAWING SCALE  
AS NOTED  
UNITS  
INCH  
DRAWING NAME  
00000 SAN ANTONIO, TX

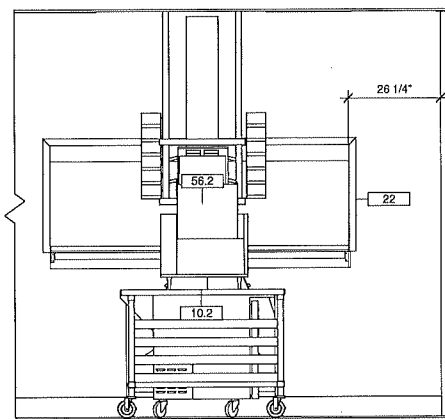
SHEET NAME  
**K2.0**  
REVISION  
D



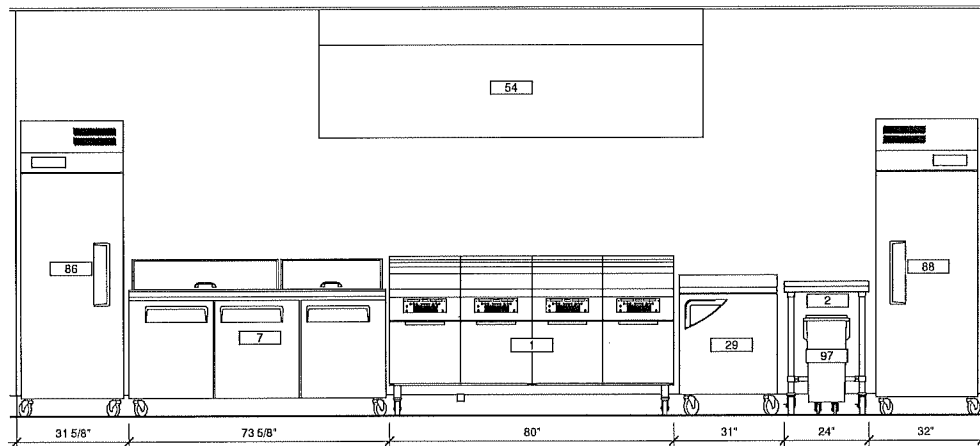
1 PREP AREA ELEVATION  
1/2" = 1'-0"



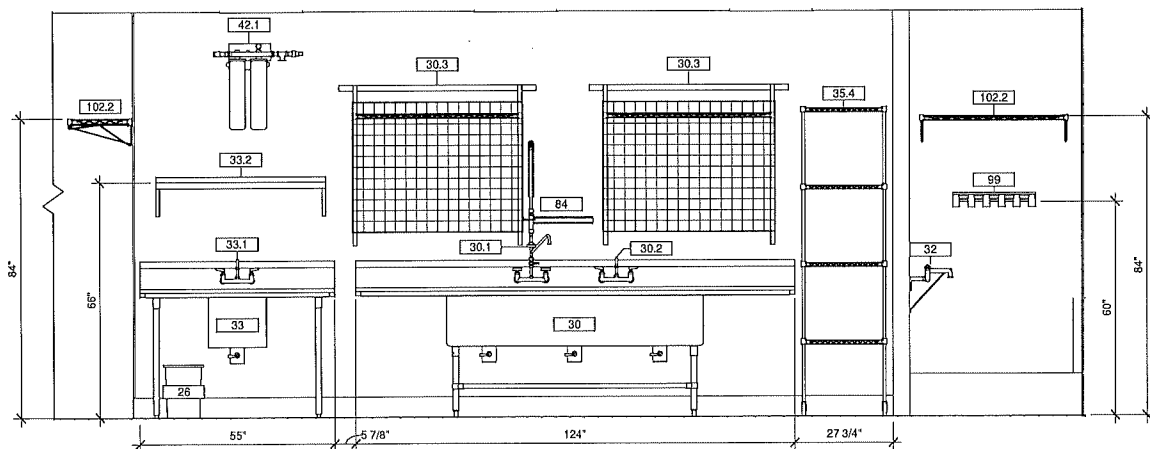
2 CENTER ISLAND ELEVATION - DT SIDE  
1/2" = 1'-0"



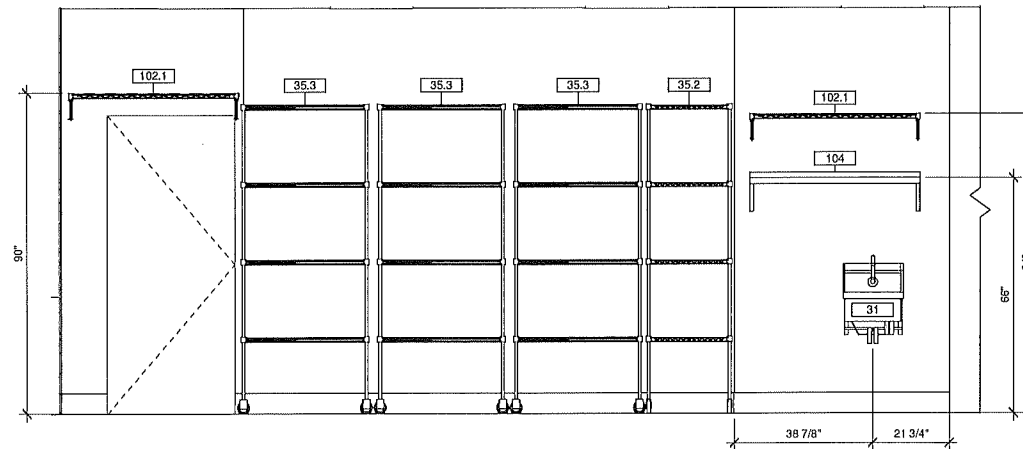
3 PASS-THRU WINDOW - KITCHEN SIDE  
1/2" = 1'-0"



4 COOKLINE ELEVATION  
1/2" = 1'-0"



6 SCULLERY AREA ELEVATION  
1/2" = 1'-0"



5 CLEAN STORAGE ELEVATION  
1/2" = 1'-0"

REV	DATE	DESCRIPTION	BY
D	10/30/2024	RESTROOM CHANGE	RD970
C	10/09/2024	LAYOUT CHANGE TO ADD MULTICOOK OVEN	RD970
B	09/26/2024	QUOTE UPDATE	RD970
A	08/21/2024	INITIAL ISSUE	RD970



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ACCOUNT  
**SLIM CHICKENS,**  
RESTAURANT #  
00000  
TITLE  
KES ELEVATIONS

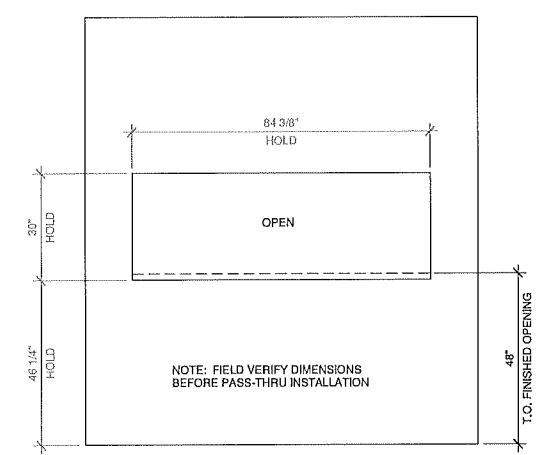
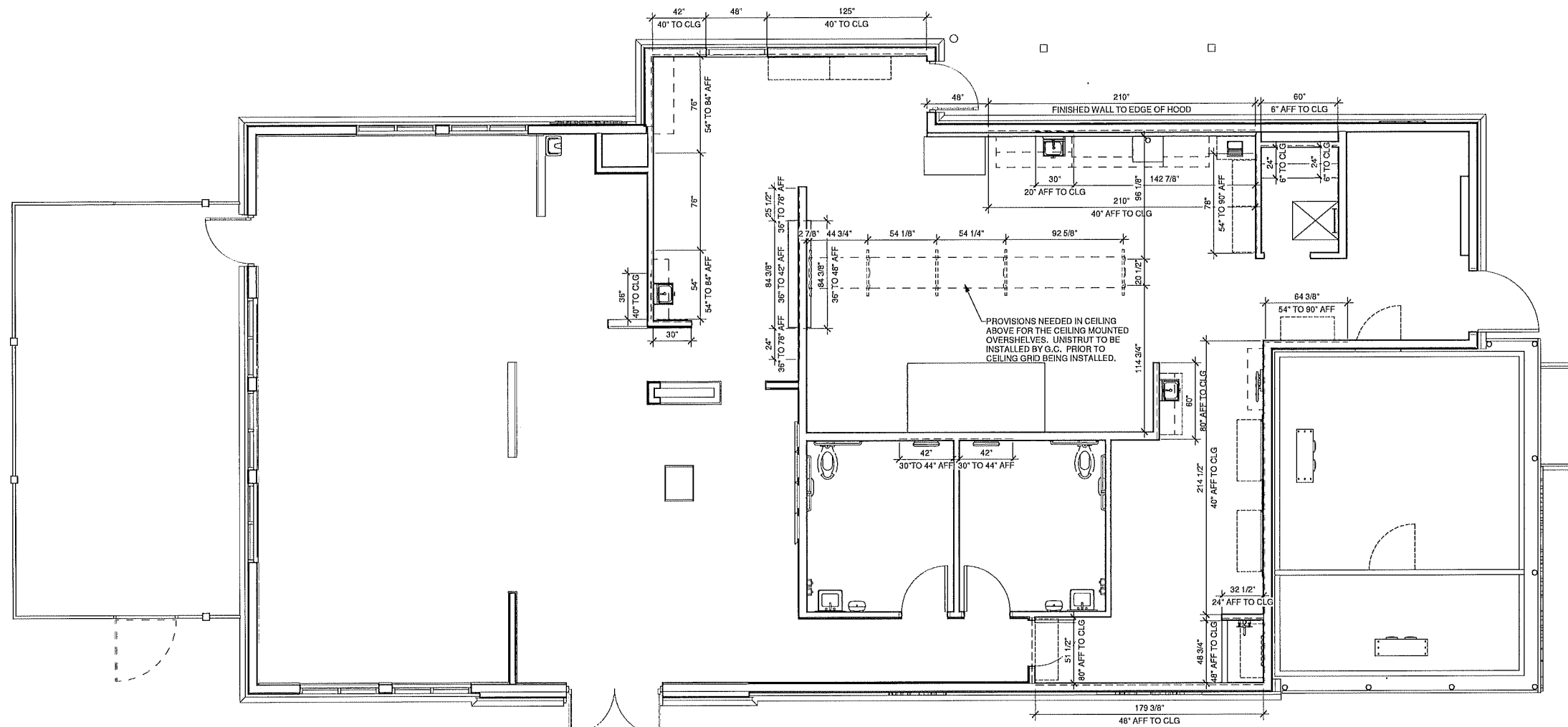
OPERATOR  
BIG STAR CHICKEN  
SITE ADDRESS  
14583 POTRANCO  
CITY  
SAN ANTONIO  
STATE TX ZIP CODE  
78253  
COUNTRY REGION  
USA AMERICA

BUILDING TYPE  
FREESTANDING  
ELECTRICAL SERVICE  
208V-230V/60HZ  
GAS SERVICE  
UNSPECIFIED  
MARKET MANAGER  
RICHARD DESMOND  
FRANKE PROJECT NUMBER  
1485193  
FRANKE STORE NUMBER  
5304611

CREATED BY  
RD970  
DATE ISSUED  
10/30/2024  
MODIFIED BY  
RD970  
DRAWING SCALE  
AS NOTED  
UNITS  
INCH  
DRAWING NAME  
00000 SAN ANTONIO, TX

SHEET NAME  
**K2.1**  
REVISION  
D





1 KES WALL BACKING PLAN  
1/4" = 1'-0"

2 PASS-THRU WINDOW ROUGH OPENING DETAIL  
1/2" = 1'-0"

REV	DATE	DESCRIPTION	BY
D	10/30/2024	RESTROOM CHANGE	RD970
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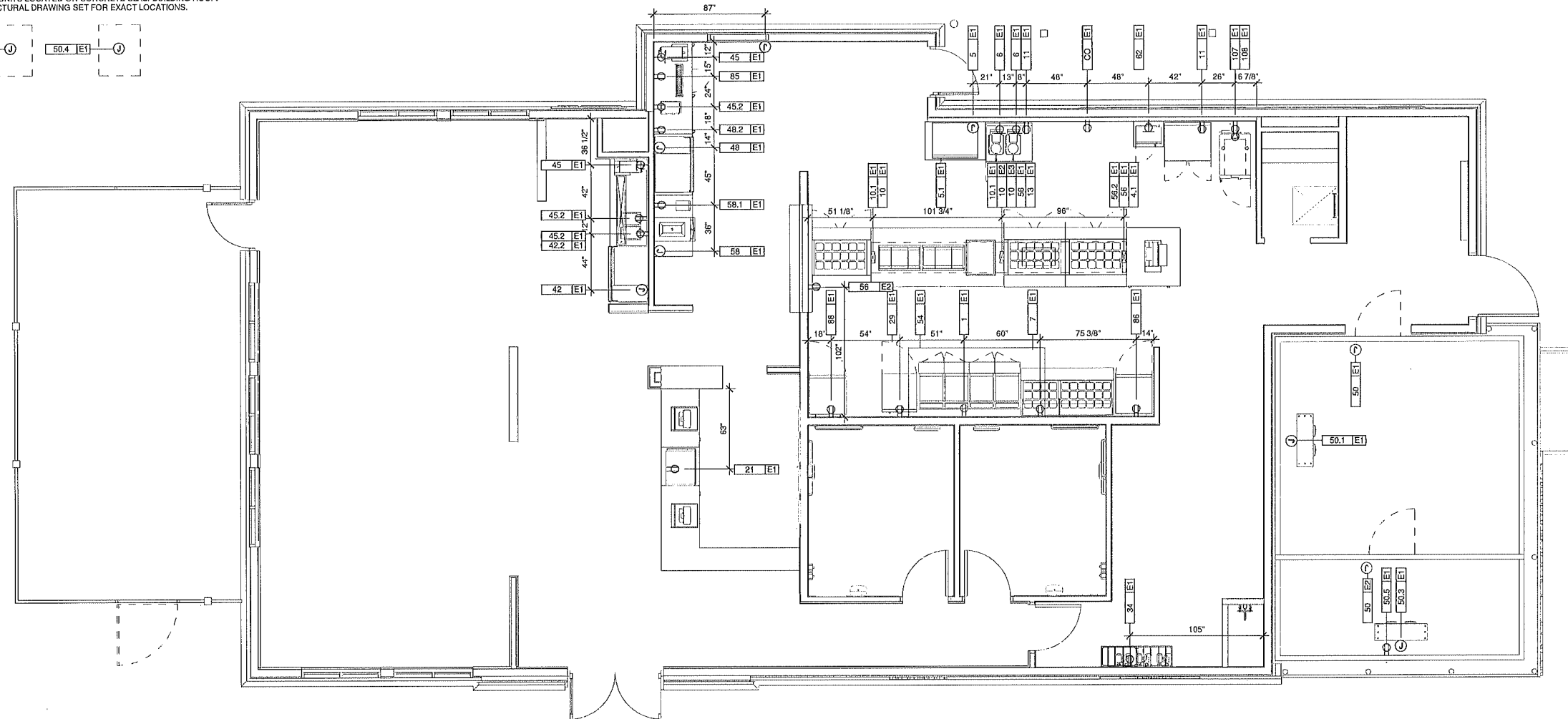
ACCOUNT  
**SLIM CHICKENS**  
RESTAURANT #  
00000  
TITLE  
KES WALL BACKING PLAN  
OPERATOR  
BIG STAR CHICKEN  
SITE ADDRESS  
14583 POTRANCO  
CITY  
SAN ANTONIO  
STATE TX ZIP CODE  
78253  
COUNTRY USA REGION  
AMERICA

BUILDING TYPE  
FREESTANDING  
ELECTRICAL SERVICE  
208V-230V/60HZ  
GAS SERVICE  
UNSPECIFIED  
MARKET MANAGER  
RICHARD DESMOND  
FRANKE PROJECT NUMBER  
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AS NOTED  
UNITS  
INCH  
DRAWING NAME  
00000 SAN ANTONIO, TX

SHEET NAME  
**K3.0**  
REVISION  
D

NOTE: CONDENSING UNITS LOCATED ON CONCRETE SLAB/BUILDING ROOF.  
SEE ARCHITECTURAL DRAWING SET FOR EXACT LOCATIONS.



**ELECTRICAL CONTRACTOR NOTES**

- E.C. TO PROVIDE AND INSTALL RECEPTACLES, CAPS, AND CORDS AS REQUIRED. CAPS AND CORDS ARE TO BE INSTALLED ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS AND COMPLY WITH ALL APPLICABLE CODES
- E.C. TO CONNECT ELECTRICAL SERVICE DIRECTLY TO EQUIPMENT ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. ELECTRICAL CONNECTIONS SHALL COMPLY WITH ALL APPLICABLE CODES
- E.C. TO RE-CONNECT ELECTRICAL CIRCUITS ON ALL PRE-WIRED EQUIPMENT DISASSEMBLED FOR SHIPMENT.
- WHERE EQUIPMENT IS NOT PRE-WIRED, E.C. TO CONNECT THE ELECTRICAL SERVICE AND PROVIDE INTER-WIRING AS REQUIRED.
- WHERE RECEPTACLES PROVIDED WITH THE EQUIPMENT, E.C. TO EXTEND ELECTRICAL SERVICE AS REQUIRED TO PROVIDED RECEPTACLES
- FRANKE KITCHEN DRAWINGS ONLY INCLUDE RECEPTACLES REQUIRED FOR SPECIFIC KITCHEN EQUIPMENT. REFER TO BUILDING FLOOR PLANS FOR THE LOCATIONS OF UTILITY AND GENERAL PURPOSE RECEPTACLES.
- E.C. TO VERIFY UTILITY REQUIREMENTS FOR ITEMS NOT PROVIDED BY FRANKE.
- NOTIFY FRANKE PROJECT MANAGER IMMEDIATELY IN WRITING IF THESE DRAWINGS ARE IN CONFLICT WITH ANY LOCAL, STATE OR NATIONAL CODES.

**WALK-IN COOLER/FREEZER NOTES**

- E.C. TO PROVIDE AND INSTALL A HEATING ELEMENT ON THE COOLER AND FREEZER CONDENSATE DRAIN LINE.
- E.C. TO CONNECT THE PRIMARY ELECTRICAL SERVICE TO THE CONDENSING UNITS, AND INTER-WIRE SERVICE TO THE EVAPORATOR COILS, CONTROLS, LIGHT FIXTURES AND DOOR PERIMETER HEATERS.

**ABBREVIATIONS**

- AFC ABOVE FINISHED CEILING
- AFF ABOVE FINISHED FLOOR
- AFR ABOVE FINISHED ROOF
- BFC BELOW FINISHED CEILING
- WIB WALK-IN BOX (COOLER/FREEZER)

REV	DATE	DESCRIPTION
D	10/30/2024	RESTROOM CHANGE
C	10/09/2024	LAYOUT CHANGE TO ADD MULTI-COOK OVEN
B	09/26/2024	QUOTE UPDATE
A	08/21/2024	INITIAL ISSUE



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ACCOUNT  
**SLIM CHICKENS**  
RESTAURANT #  
00000  
TITLE  
KES ELECTRICAL PLAN

OPERATOR  
BIG STAR CHICKEN  
SITE ADDRESS  
14583 POTRANCO

CITY  
SAN ANTONIO  
STATE  
TX  
ZIP CODE  
78253

COUNTRY  
USA  
REGION  
AMERICA  
BUILDING TYPE  
FREESTANDING  
ELECTRICAL SERVICE  
208V-230V/60HZ  
GAS SERVICE  
UNSPECIFIED  
MARKET MANAGER  
RICHARD DESMOND  
FRANKE PROJECT NUMBER  
1485193  
FRANKE STORE NUMBER  
5304611

CREATED BY  
RD970  
DATE ISSUED  
10/30/2024  
MODIFIED BY  
RD970  
DRAWING SCALE  
AS NOTED  
UNITS  
INCH  
DRAWING NAME  
00000 SAN ANTONIO, TX

SHEET NAME  
**KE1.0**  
REVISION  
D

1 KES Electrical Plan  
1/4" = 1'-0"

**KES ELECTRICAL SCHEDULE**

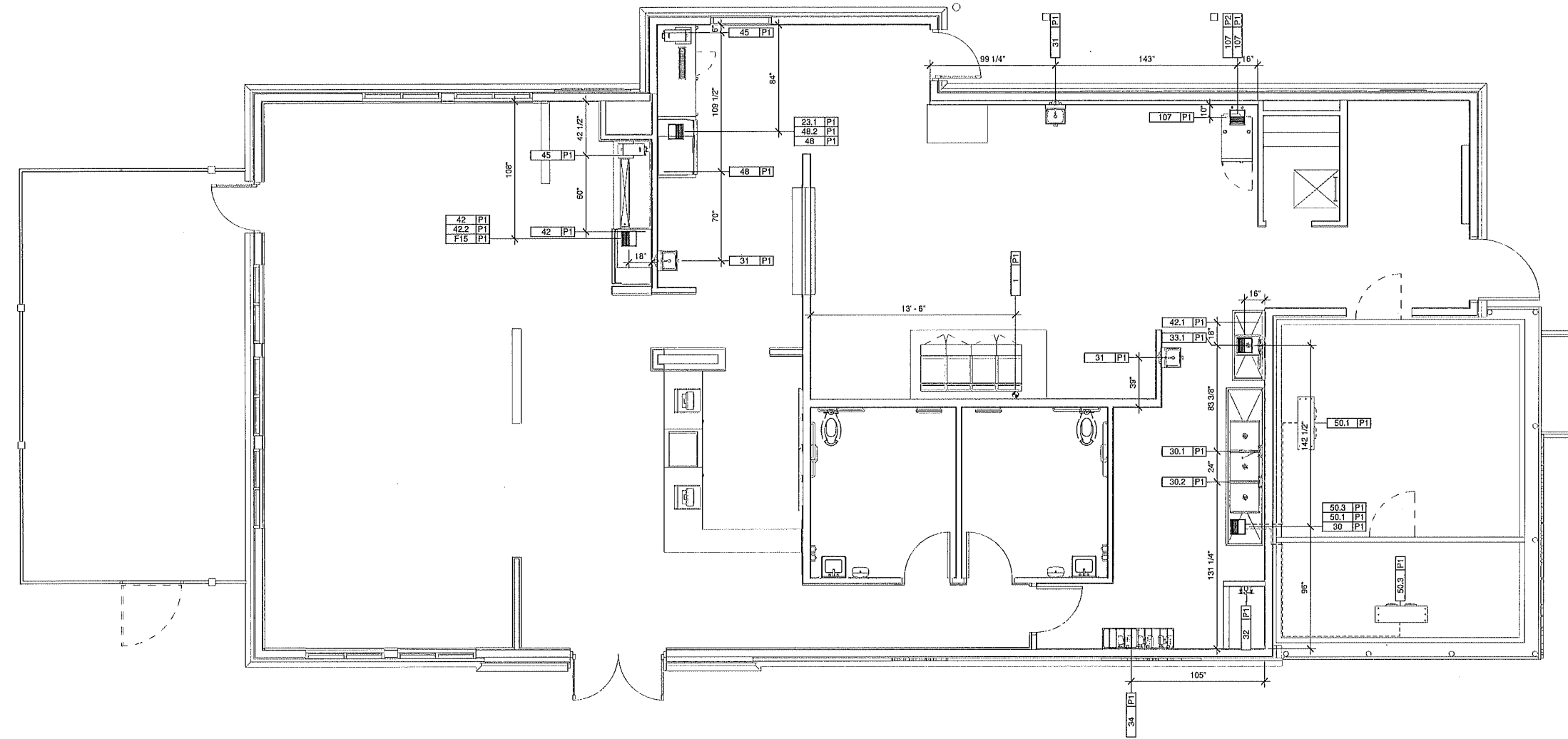
ITEM #	TAG #	QTY	DESCRIPTION	VOLTS	PH	CYCLE	HP	BRKR SIZE	AMPS	ELEC CONN TYPE	NEMA PLUG TYPE	CONN RI HEIGHT	ELECTRICAL REMARKS
1	E1	1	4-WAT GAS FRYER	120 V	1	60 Hz	-	20.00 A	10.00 A	PLUG & CORD	5-20P	24"	6" CORD INCLUDED
4.1	E1	1	CONVEYOR TOASTER	208 V	1	60 Hz	-	20.00 A	13.40 A	PLUG & CORD	6-20P	60"	PLUGS INTO CHASE ON OVERSHELF (ITEM 50.2)
5	E1	1	36" COUNTERTOP GRIDDLE	208 V	3	60 Hz	-	30.00 A	25.00 A	DIRECT WIRED	DIRECT	50"	
5.1	E1	1	HOOD FGRIDDLE, 48"										NIC. VERIFY UTILITIES.
5.2	E1	1	EXHAUST FAN										NIC. VERIFY UTILITIES.
6	E1	2	WAFFLE BAKER	120 V	1	60 Hz	-	20.00 A	13.00 A	PLUG & CORD	5-15P	50"	
7	E1	1	72" BREADING STATION REFRIGERATOR	120 V	1	60 Hz	2.5	20.00 A	5.70 A	PLUG & CORD	5-15P	24"	9" CORD INCLUDED
10	E1	1	WORK TABLE W/ DUMP STATION, 105"X46.5" (FLANGED FEET) W/ DROP-IN HOT FOOD WELL	208 V	1	60 Hz	-	20.00 A	12.50 A	PLUG & CORD	14-20P	60"	PLUGS INTO CHASE ON OVERSHELF (ITEM 10.1)
10	E2	1	WORK TABLE W/ DUMP STATION, 65"X46.5" (FLANGED FEET)	208 V	1	60 Hz	-	20.00 A	12.50 A	PLUG & CORD	14-20P	25"	PLUGS INTO CHASE ON OVERSHELF (ITEM 10.1)
10	E3	1	WORK TABLE W/ DUMP STATION, 105"X46.5" (FLANGED FEET) W/ DROP-IN HOT FOOD WELL	208 V	1	60 Hz	-	15.00 A	4.30 A	PLUG & CORD	6-15P	60"	PLUGS INTO CHASE ON OVERSHELF (ITEM 10.1)
10.1	E1	1	DOUBLE OVERSHELF W/ CHASES, 105"X24", CEILING MTD	120/208 V									EG TO BRING IN CIRCUITS TO OUTLETS
11	E1	2	WORKTOP REFRIGERATOR, 36"	120 V	1	60 Hz	1/5	0.00 A	2.30 A	PLUG & CORD	5-15P	24"	
13	E1	1	PRODUCT HOLDING UNIT (6-PAN) (PASS-THRU)	208 V	1	60 Hz	-	15.00 A	6.70 A	PLUG & CORD	6-15P	60"	PLUGS INTO CHASE ON OVERSHELF (ITEM 10.1)
21	E1	1	COUNTERTOP REFRIGERATED DISPLAY CASE	120 V	1	60 Hz	1/4	1.80 A	1.80 A	PLUG & CORD	5-15P	24"	
29	E1	1	28" WORKTOP REFRIGERATOR	120 V	1	60 Hz	1/5	20.00 A	2.50 A	PLUG & CORD	5-15P	24"	9" CORD INCLUDED
34	E1	1	BAG-IN-BOX CARBOHYDRATES	120 V	1	60 Hz	-	20.00 A	10.00 A	PLUG & CORD	5-15P	68"	NIC. VERIFY UTILITIES.
34.2	E1	1	BAG-IN-BOX (FOR BACKUP)	VERIFY									NIC. VERIFY UTILITIES.
42	E1	1	ICE MACHINE (1500LB CAPACITY)	208 V	1	60 Hz	-	20.00 A	15.90 A	DIRECT WIRED	DIRECT	102"	
42.2	E1	1	COUNTERTOP ICESODA DISPENSER (12 VALVE)	120 V	1	60 Hz	-	15.00 A	5.00 A	PLUG & CORD	5-15P	50"	NIC. VERIFY UTILITIES.
45	E1	2	TEA BREWERY	120 V	1	60 Hz	-	13.80 A	13.80 A	PLUG & CORD	5-15P	50"	
45.2	E1	3	LEMONADE DISPENSER	120 V	1	60 Hz	-	15.00 A	3.00 A	PLUG & CORD	5-15P	50"	
48	E1	1	ICE MACHINE (1500LB CAPACITY)	208 V	1	60 Hz	-	20.00 A	15.90 A	DIRECT WIRED	DIRECT	102"	
48.2	E1	1	COUNTERTOP ICESODA DISPENSER (12 VALVE)	120 V	1	60 Hz	-	15.00 A	5.00 A	PLUG & CORD	5-15P	50"	NIC. VERIFY UTILITIES.
50	E1	1	WALK-IN BOX COOLER/FREEZER	120 V	3	60 Hz	2	16.00 A	16.00 A	DIRECT WIRED	DIRECT	96"	EG TO MAKE ALL REQUIRED CONNECTIONS.
50	E2	1	WALK-IN BOX COOLER/FREEZER	120 V	1	60 Hz	-	20.00 A	16.00 A	DIRECT WIRED	DIRECT	96"	EG TO MAKE ALL REQUIRED CONNECTIONS.
50.1	E1	1	WALK-IN COOLER EVAPORATOR	120 V	1	60 Hz	-	20.00 A	1.60 A	DIRECT WIRED	DIRECT	0"	E.C. TO WIRE UNIT FROM ELECTRICAL KNOCKOUTS IN TOP OR BACK OF UNIT
50.2	E1	1	WALK-IN COOLER CONDENSING UNIT	208 V	3	60 Hz	2	15.00 A	9.60 A	DIRECT WIRED	DIRECT	0"	EG TO MAKE ALL REQUIRED CONNECTIONS

**KES ELECTRICAL SCHEDULE**

ITEM #	TAG #	QTY	DESCRIPTION	VOLTS	PH	CYCLE	HP	BRKR SIZE	AMPS	ELEC CONN TYPE	NEMA PLUG TYPE	CONN RI HEIGHT	ELECTRICAL REMARKS
50.3	E1	1	WALK-IN FREEZER EVAPORATOR	208 V	1	60 Hz	-	20.00 A	10.80 A	DIRECT WIRED	DIRECT	0"	E.C. TO WIRE UNIT FROM ELECTRICAL KNOCKOUTS IN TOP OR BACK OF UNIT
50.4	E1	1	WALK-IN FREEZER CONDENSING UNIT	208 V	3	60 Hz	3	30.00 A	8.70 A	DIRECT WIRED	DIRECT	0"	EG TO MAKE ALL REQUIRED CONNECTIONS
50.5	E1	1	HEAT TAPE FOR EVAP. DRAIN LINE	120 V	1	60 Hz	-	20.00 A	16.00 A	PLUG & CORD	5-20P	102"	WATERPROOF OUTLET
54	E1	1	HOOD FRYERS										NIC. VERIFY UTILITIES.
54.1	E1	1	EXHAUST FAN										NIC. VERIFY UTILITIES.
56	E1	2	PREP REFRIGERATOR, 48" DUAL SIDED	120 V	1	60 Hz	1/5	15.00 A	6.90 A	PLUG & CORD	5-15P	60"	PLUGS INTO CHASE ON OVERSHELF (ITEM 10.1 OR 50.2)
56	E2	1	PREP REFRIGERATOR, 48" DUAL SIDED	120 V	1	60 Hz	1/5	15.00 A	6.90 A	PLUG & CORD	5-15P	24"	
66.2	E1	1	DOUBLE OVERSHELF, 96"X24", CEILING MTD.	120/208 V									EG TO BRING IN CIRCUITS TO OUTLETS
50	E1	1	SHAKE MACHINE	208 V	1	60 Hz	1/2	20.00 A	15.00 A	PLUG & CORD	SEE REMARKS	59"	E.C. TO SUPPLY & INSTALL CORD & PLUG
50.1	E1	1	BLENDER	120 V	1	60 Hz	3/4	20.00 A	2.10 A	PLUG & CORD	5-20P	50"	9" CORD INCLUDED
62	E1	1	MICROWAVE OVEN	120 V	1	60 Hz	-	20.00 A	13.40 A	PLUG & CORD	5-20P	72"	6" CORD INCLUDED
85	E1	1	UNDERCOUNTER REFRIGERATOR W/ GLASS DOOR	120 V	1	60 Hz	1/8	20.00 A	2.43 A	PLUG & CORD	5-15P	24"	9" CORD INCLUDED
86	E1	1	REACH IN REFRIGERATOR, LH	120 V	1	60 Hz	1/4	20.00 A	2.50 A	PLUG & CORD	5-15P	88"	9" CORD INCLUDED
89	E1	1	REACH IN FREEZER, LH	120 V	1	60 Hz	3/8	20.00 A	4.40 A	PLUG & CORD	5-15P	88"	9" CORD INCLUDED
107	E1	1	ELECTRIC MULTI-COOK OVEN	208 V	3	60 Hz	-	30.00 A	19.00 A	PLUG & CORD	15-30P	50"	7" CORD INCLUDED
108	E1	1	DRAWER WARMER, NARROW	120 V	1	60 Hz	-	15.00 A	5.30 A	PLUG & CORD	5-15P	18"	5" CORD INCLUDED
CO	E1	1	CONVENIENCE OUTLET	120 V	1	60 Hz	-	20.00 A	20.00 A	PLUG & CORD	5-20R	50"	

**ELECTRICAL SYMBOL LEGEND**

SYM.	DESCRIPTION	SYM.	DESCRIPTION
XXXX E1	ELECTRICAL ROUGH-IN NUMBER	CBT	CIRCUIT BREAKER
⊕	DUPLEX CONVENIENCE OUTLET	CRT	CIRCUIT
⊕	SINGLE CONVENIENCE OUTLET	DCO	DUPLEX CONVENIENCE OUTLET
⊕	JUNCTION BOX - WALL OR CEILING MOUNTED	GFC/GFCI	GROUND FAULT CIRCUIT INTERRUPTER
⊕	DROP CORD FROM CEILING	GRD	GROUND
⊕	SPECIAL PURPOSE OUTLET	JB	JUNCTION BOX
⊕	ISOLATED GROUND OUTLET	KW	KILOWATT
A	AMPERES	GC	GENERAL CONTRACTOR
ACM	AREA CONSTRUCTION MANAGER	KES	KITCHEN EQUIPMENT SUPPLIER (FRANKE)
AFF	ABOVE FINISHED FLOOR	EC	ELECTRICAL CONTRACTOR
BFC	BELOW FINISHED CEILING		



**PLUMBING CONTRACTOR NOTES**

- P.C. SHALL PROVIDE AND INSTALL SHUT-OFF VALVES ON ALL POTABLE WATER AND GAS SUPPLY LINES AT EACH PIECE OF EQUIPMENT WHERE REQUIRED BY CODES. VALVES AND INSTALLATION SHALL MEET ALL APPLICABLE CODES.
- P.C. SHALL CONNECT POTABLE WATER AND GAS SERVICE DIRECTLY TO THE EQUIPMENT ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS. CONNECTIONS SHALL MEET ALL APPLICABLE CODES.
- P.C. TO CONNECT EQUIPMENT TO THE BUILDING WASTE DRAINAGE SYSTEM ACCORDING TO THE MANUFACTURER'S INSTRUCTION. CONNECTIONS SHALL MEET ALL APPLICABLE CODES.
- P.C. TO RECONNECT PLUMBING AND GAS PIPING ON PRE-PLUMBED EQUIPMENT DISASSEMBLED FOR SHIPMENT.
- WHERE EQUIPMENT IS NOT PRE-PLUMBED, P.C. SHALL CONNECT THE PLUMBING AND GAS SERVICE AND PROVIDE INTER-PIPING AS REQUIRED.
- P.C. TO INSTALL FAUCETS, DRAIN ASSEMBLIES AND ACCESSORIES PROVIDED WITH EQUIPMENT.
- WHERE A SERVICE CHASE IS PROVIDED WITH THE EQUIPMENT, THE P.C. SHALL INSTALL THE PLUMBING AND/OR GAS SERVICE THROUGH THE SERVICE CHASE TO THE CONNECTION POINT(S) ON THE EQUIPMENT AS REQUIRED. ALL CONNECTIONS AND PIPING SHALL MEET ALL APPLICABLE CODES.
- P.C. SHALL PROVIDE AND INSTALL CONDENSATE DRAIN LINES FROM THE WALK-IN COOLERS AND FREEZER EVAPORATOR COILS.
- P.C. SHALL PROVIDE AND INSTALL BACK-FLOW PREVENTION DEVICES WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- P.C. SHALL PROVIDE AND INSTALL AUTOMATIC GAS SHUT-OFF VALVES WHEN REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
- FRANKE KITCHEN DRAWINGS INCLUDE ONLY THOSE REQUIREMENTS FOR SPECIFIC KITCHEN EQUIPMENT. REFER TO BUILDING FLOOR PLANS FOR OTHER PLUMBING REQUIREMENTS AND LOCATIONS.
- NOTIFY FRANKE PROJECT MANAGER IMMEDIATELY IN WRITING IF THESE DRAWINGS ARE IN CONFLICT WITH ANY LOCAL, STATE OR NATIONAL CODES.

**ABBREVIATIONS**

- AFF ABOVE FINISHED FLOOR
- FPM FEMALE PIPE THREAD

REV	DATE	DESCRIPTION	BY
D	10/30/2024	RESTROOM CHANGE	RD970
C	10/09/2024	LAYOUT CHANGE TO ADD MULTI-COOK OVEN	RD970
B	09/26/2024	QUOTE UPDATE	RD970
A	08/21/2024	INITIAL ISSUE	RD970



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ACCOUNT  
**SLIM CHICKENS**  
 RESTAURANT #  
 00000  
 TITLE  
 KES PLUMBING PLAN

OPERATOR  
 BIG STAR CHICKEN  
 SITE ADDRESS  
 14583 POTRANCO  
 CITY  
 SAN ANTONIO  
 STATE TX ZIP CODE  
 78253  
 COUNTRY USA REGION  
 AMERICA

BUILDING TYPE  
 FREESTANDING  
 ELECTRICAL SERVICE  
 208V-230V/60HZ  
 GAS SERVICE  
 UNSPECIFIED  
 MARKET MANAGER  
 RICHARD DESMOND  
 FRANKE PROJECT NUMBER  
 1485193  
 FRANKE STORE NUMBER  
 5304611

CREATED BY  
 RD970  
 DATE ISSUED  
 10/30/2024  
 MODIFIED BY  
 RD970  
 DRAWING SCALE  
 AS NOTED  
 UNITS  
 INCH  
 DRAWING NAME  
 00000 SAN ANTONIO, TX  
 SHEET NAME

**KP1.0**  
 REVISED  
 D

1 KES Plumbing Plan  
 1/4" = 1'-0"

**KES PLUMBING POTABLE WATER SCHEDULE**

ITEM #	Tag #	QTY.	DESCRIPTION	CW SIZE	CW RI HIGHT	HW SIZE	HW RI HIGHT	FW SIZE	FW RI HIGHT	POT. WATER CONN TYPE	POT. WATER REMARKS
30.1	P1	1	PRE-RINSE UNIT W/FAUCET	1/2"	12"	1/2"	12"	-	-	NPT	-
30.2	P1	1	8" FAUCET	1/2"	12"	1/2"	12"	-	-	NPT	-
31	P1	3	HAND SINK W/ SIDE SPLASHES	1/2"	12"	1/2"	12"	-	-	VIA SHUT OFF VALVE ON WALL	VERIFY REQMTS W/ LOCAL CODES
32	P1	1	8" FAUCET, MOP SINK	1/2"	36"	1/2"	36"	-	-	NPT	-
33.1	P1	1	8" FAUCET	1/2"	12"	1/2"	12"	-	-	NPT	-
34	P1	1	BAG-N-BOX CARBONATORS	-	-	-	-	1/2"	84"	-	NIC. VERIFY UTILITIES.
34.2	P1	1	BAG-N-BOX (FOR BACKUP)	-	-	-	-	1/2"	84"	-	NIC. VERIFY UTILITIES.
42	P1	1	ICE MACHINE (1500LB CAPACITY)	3/4"	102"	-	-	1/2"	99"	FPT	P.C. TO RUN WATER THRU WATER FILTER
42.1	P1	1	WATER FILTRATION SYSTEM	-	-	-	-	-	-	-	-
45	P1	2	TEA BREWER	-	-	-	-	1/2"	60"	MALE FLARE	P.C. TO RUN WATER THRU WATER FILTER
48	P1	1	ICE MACHINE (1500LB CAPACITY)	3/4"	102"	-	-	1/2"	99"	FPT	P.C. TO RUN WATER THRU WATER FILTER
107	P1	1	ELECTRIC MULTI-COOK OVEN	3/4"	44"	-	-	3/4"	42"	MNPT	-
107.2	P2	1	ELECTRIC MULTI-COOK OVEN	3/4"	44"	-	-	1/2"	84"	MNPT	NIC. VERIFY UTILITIES.

NOTE: (1) FILTERED OUTLET FOR ALL ICE MACHINES. (2) FILTERED OUTLET FOR ALL TEA BREWERS AND CARBONATOR AT BIB RACK.

**KES PLUMBING WASTE SCHEDULE**

ITEM #	TAG #	QTY.	DESCRIPTION	DIRECT WASTE SIZE	DIRECT WASTE RI HIGHT	INDIRECT WASTE SIZE	WASTE CONNECTION TYPE	WASTE REMARKS
23.1	P1	1	BEVERAGE TABLE W/DRIP TROUGH (72" W X 30" D)	-	-	1"	INDIRECT	P.C. TO EXTEND DRAIN TO FLOOR SINK
30	P1	1	SINK, 3 COMP, 124" X 30"	-	-	2"	INDIRECT	P.C. TO EXTEND DRAIN TO FLOOR SINK (3X)
31	P1	3	HAND SINK W/ SIDE SPLASHES	1 1/2"	14"	-	DIRECT	-
33	P1	1	SINK, 1 COMP W/ DUAL DRAINBOARDS	-	-	1 1/2"	INDIRECT	P.C. TO EXTEND DRAIN TO FLOOR SINK
42	P1	1	ICE MACHINE (1500LB CAPACITY)	-	-	3/4"	INDIRECT	P.C. TO EXTEND DRAIN TO FLOOR SINK
42.2	P1	1	COUNTERTOP ICESODA DISPENSER (12 VALVE)	-	-	1/2"	INDIRECT	P.C. TO EXTEND DRAIN TO FLOOR SINK
48	P1	1	ICE MACHINE (1500LB CAPACITY)	-	-	3/4"	INDIRECT	P.C. TO EXTEND DRAIN TO FLOOR SINK
42.2	P1	1	COUNTERTOP ICESODA DISPENSER (12 VALVE)	-	-	1/2"	INDIRECT	P.C. TO EXTEND DRAIN TO FLOOR SINK
50.1	P1	1	WALK-IN COOLER EVAPORATOR	-	-	3/4"	INDIRECT	P.C. TO EXTEND DRAIN TO FLOOR SINK OUTSIDE W/B
60.3	P1	1	WALK-IN FREEZER EVAPORATOR	-	-	3/4"	INDIRECT	P.C. TO EXTEND DRAIN TO FLOOR SINK OUTSIDE W/B
107	P1	1	ELECTRIC MULTI-COOK OVEN	-	-	1 1/2"	INDIRECT	P.C. TO EXTEND DRAIN TO FLOOR SINK
F15	P1	1	BEVERAGE COUNTER W/DRIP TROUGH	-	-	1"	INDIRECT	P.C. TO EXTEND DRAIN TO FLOOR SINK

**KES PLUMBING GAS SCHEDULE**

ITEM #	TAG #	QTY.	DESCRIPTION	GAS INPUT	GAS SIZE	GAS TYPE	GAS RI HIGHT	GAS REMARKS
1	P1	1	4-VAT GAS FRYER	500000.0 Btu/h	1"	N.G.	30"	P.C. TO CONNECT GAS PIPING TO FRYER AS REQD

**PLUMBING SYMBOL LEGEND**

SYM.	DESCRIPTION	SYM.	DESCRIPTION
XXXX   P1	PLUMBING ROUGH-IN NUMBER	BFC	BELOW FINISHED CEILING
⊕	GAS	BSI	BEVERAGE SYSTEM INSTALLER
⊞	FLOOR SINK	EC	ELECTRICAL CONTRACTOR
⊞	FLOOR DRAIN	GC	GENERAL CONTRACTOR
ACM	AREA CONSTRUCTION MANAGER	KES	KITCHEN EQUIPMENT SUPPLIER (FRANKE)
AFF	ABOVE FINISHED FLOOR	PC	PLUMBING CONTRACTOR

### CONTRACTOR NOTES

**SCOPE OF WORK:** THE WORK INCLUDED UNDER THIS CONTRACT INCLUDES THE FURNISHING OF ALL LABOR, MATERIALS, TOOLS, TRANSPORTATION, SERVICES, PERMITS, INSPECTION FEES, ETC. REQUIRED IN THE COMPLETE INSTALLATION OF PLUMBING WORK AS SPECIFIED HEREIN AND SHOWN ON ACCOMPANYING DRAWINGS AND AS REQUIRED BY THE CONDITIONS AT THE SITE. THE GENERAL AND SPECIAL CONDITIONS ARE HEREBY MADE A PART OF THIS SECTION. IN ADDITION, WORK IN THESE SECTIONS ARE GOVERNED BY ALL PROVISIONS OF THE CONTRACT DOCUMENTS.

BEFORE SUBMITTING A BID EACH SUBCONTRACTOR SHALL CAREFULLY STUDY THE ARCHITECTURAL DRAWINGS AND SHALL MAKE A CAREFUL EXAMINATION OF THE PREMISES AND ANY EXISTING WORK. THE CONTRACTOR SHALL DETERMINE IN ADVANCE THE METHODS OF INSTALLING AND CONNECTING THE APPARATUS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND SHALL BECOME THOROUGHLY FAMILIAR WITH ALL OF THE REQUIREMENTS OF HIS CONTRACT, BY SUBMITTING A PROPOSAL FOR THE WORK REQUIRED AND INCLUDED IN THE CONTRACT, THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH STUDY AND EXAMINATION, AND TO BE FAMILIAR WITH AND ACCEPT ALL CONDITIONS OF THE SITE.

**CODES, PERMITS, FEES, INSPECTIONS, RULES AND REGULATIONS:**  
THE CONTRACTOR MUST, AT HIS OWN EXPENSE, OBTAIN ALL NECESSARY PERMITS, PAY ALL LEGAL FEES AND CHARGES, INCLUDING WATER AND SEWER DEVELOPMENT FEES, AND COMPLY WITH ALL STATE AND MUNICIPAL BUILDING AND SAFETY LAWS, ORDINANCES AND REGULATIONS, RELATING TO BUILDING, PUBLIC HEALTH AND SAFETY. ALL WORK SHALL BE IN CONFORMANCE WITH THE GOVERNING CITY CODES.

**RECORD DRAWINGS:**  
PROVIDE RECORD DRAWINGS WHICH SHALL CLEARLY SHOW ALL DIFFERENCES BETWEEN THE CONTRACT WORK AS DRAWN AND INSTALLED. PIPING MAINS BELOW SLAB AND/OR GRADE AND ALL BRANCH LINES BELOW SLAB OR GRADE, IN EXCESS OF 5 FEET IN LENGTH, SHALL BE DIMENSIONED FROM COLUMNS OF ANY PERMANENT STRUCTURE. ALSO, SHOW ALL WORK ADDED TO THE CONTRACT WHICH IS NOT SHOWN ON THE CONTRACT DOCUMENTS. RECORD DRAWINGS SHALL BE IN ACCORDANCE WITH THE ARCHITECT'S SPECIFICATIONS.

**INSTALLATION:**  
THE ENTIRE PLUMBING SYSTEM SHALL BE INSTALLED IN A NEAT, WORKMANLIKE, FINISHED AND SAFE MANNER, CONCEAL ALL WORK IN FINISHED AREAS UNLESS NOTED OTHERWISE. THE ENTIRE INSTALLATION SHALL BE SUBJECT TO THE ARCHITECT'S/ENGINEER'S APPROVAL.

**EQUIPMENT LIST AND MAINTENANCE MANUAL:**  
MAINTENANCE MANUAL SHALL INCLUDE ALL AVAILABLE MANUFACTURERS' OPERATION AND MAINTENANCE INSTRUCTIONS, TOGETHER WITH THE RECORD DRAWINGS HEREIN BEFORE SPECIFIED, AND ALL OTHER DIAGRAMS AND INSTRUCTIONS NECESSARY TO PROPERLY OPERATE AND MAINTAIN THE EQUIPMENT. THE MANUAL SHALL ALSO INCLUDE THE NAME, ADDRESS, AND PHONE NUMBER OF THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS INVOLVED IN ANY OF THE WORK SPECIFIED HEREIN. THE EQUIPMENT LIST AND MAINTENANCE MANUAL SHALL BE SUBMITTED WITH DIVISION 1, GENERAL REQUIREMENTS.

**WARRANTY:**  
THE SYSTEM SHALL HAVE A WARRANTY COVERING LABOR, MATERIALS AND EQUIPMENT FOR A PERIOD OF ONE YEAR AFTER COMPLETION AND ACCEPTANCE. REPLACE OR REPAIR ALL DEFECTIVE WORKMANSHIP, EQUIPMENT, AND MATERIALS AT NO ADDITIONAL COST TO THE OWNER.

**FINAL TESTING:**  
BEFORE ACCEPTANCE AND FINAL PAYMENT, THE CONTRACTOR SHALL DEMONSTRATE THAT ALL APPARATUS ARE FUNCTIONING PROPERLY AND EFFICIENTLY. AN INDEPENDENT AIR BALANCE CONTRACTOR SHALL BALANCE AIR QUANTITIES, IN ACCORDANCE WITH AABC OR NEBB STANDARDS, FOR EVEN TEMPERATURES THROUGHOUT. START-UPS FOR THE FIRST HEATING AND FIRST COOLING SEASON SHALL BE PERFORMED AS PART OF THE CONTRACT.

**CLEANING:**  
AT THE COMPLETION OF THE WORK AND PRIOR TO FINAL ACCEPTANCE, ALL PARTS OF THE WORK INSTALLED UNDER THIS SPECIFICATION SHALL BE THOROUGHLY CLEANED. ALL EQUIPMENT, DUCTWORK, DIFFUSERS, PIPE, VALVES AND FITTINGS SHALL BE CLEANED OF GREASE, METAL CUTTINGS AND SLUDGE, WHICH MAY HAVE ACCUMULATED BY OPERATION OF THE SYSTEM FOR TESTING HEREIN BEFORE SPECIFIED OR FROM OTHER CAUSES.

**PRODUCTS:**  
ALL PRODUCTS SHALL BE NEW AND UNUSED OF ESTABLISHED AND REPUTABLE MANUFACTURERS. ITEMS OF EQUIPMENT USED FOR THE SAME PURPOSE SHALL BE OF THE SAME MANUFACTURER.

SYSTEMS SHALL BE COMPLETE AND OPERABLE. ANY ACCESSORIES REQUIRED FOR THE OPERATION OF THE SYSTEM, SHALL BE PROVIDED WHETHER OR NOT THEY ARE SPECIFICALLY INDICATED. SUCH ACCESSORIES WOULD INCLUDE FILTERS, CONDENSATE DRAINS, RELIEF VALVES, SERVICE VALVES, ETC.

SPECIFIC REFERENCE TO A MANUFACTURER'S PRODUCT IS ONLY TO ESTABLISH TYPE, QUALITY, AND PERFORMANCE REQUIRED, THESE QUALIFICATIONS ARE IN ADDITION TO THE REQUIREMENTS SHOWN ON THE DRAWINGS AND HEREIN THESE SPECIFICATIONS. LISTING OF ALTERNATE MANUFACTURERS SHALL NOT BE CONSTRUED AS AN UNCONDITIONAL APPROVAL OF THE PRODUCTS OF THOSE MANUFACTURERS.

SUBSTITUTIONS OF MATERIALS OR PRODUCTS SHOWN HEREIN SHALL BE AT THE OWNER'S, ARCHITECT'S, OR ENGINEER'S WRITTEN APPROVAL, ONLY WITH COPIES OF APPROVAL SENT TO THE PROJECT FILE. ANY ADDITIONAL COST RESULTING FROM THE USE OF SUBSTITUTED EQUIPMENT SHALL BE AT THE CONTRACTOR'S EXPENSE. ANY DEVIATION FROM THESE DRAWINGS WILL NOT BE ALLOWED WITHOUT PRIOR APPROVAL.

ALL EQUIPMENT SHALL BE LABELED WITH STEEL TAGS EMBOSSED WITH 1/4" HIGH LETTERS, PERMANENTLY ATTACHED. TAG SHALL CLEARLY INDICATE THE AREA SERVED BY THE EQUIPMENT.

### INVESTIGATION OF CONDITIONS

EXAMINE THE CONTRACT DRAWINGS AND ALL AVAILABLE INFORMATION CONCERNING EXISTING INSTALLATION, STRUCTURE, AND LOCAL CONDITIONS, VISIT THE SITE TO UNDERSTAND THE NATURE AND SCOPE OF ALL WORK TO BE PERFORMED AND VERIFY EXISTING CONDITIONS. THE SUBMISSION OF A BID WILL BE TAKEN AS EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE AND THAT ALL EXISTING CONDITIONS HAVE BEEN CONSIDERED. NO ALLOWANCES WILL BE MADE AFTER THE PROJECT HAS BEEN AWARDED FOR FAILURE TO VERIFY EXISTING CONDITIONS. CONTRACTOR SHALL NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN ACTUAL FIELD CONDITIONS AND THAT OF THESE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.

### ATTENTION GENERAL CONTRACTOR

\*RE-ENGINEERING\* DEVIATIONS FROM THE SHOWN DESIGN AND REQUIRED HVAC EQUIPMENT MUST BE APPROVED IN ADVANCE BY THE PROFESSIONAL ENGINEER. UNAUTHORIZED SUBSTITUTIONS OR ALTERATIONS WILL VOID THE SIGNATURE AND SEAL OF THE PROFESSIONAL ENGINEER AND LEAVE VIOLATORS RESPONSIBLE FOR RESUBMISSION OF SIGNED AND SEALED DRAWINGS.

### PLUMBING GENERAL NOTES

- PIPING INDICATED ON PLANS ARE DIAGRAMMATICAL. ALL WORK SHALL BE COORDINATED WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTRACTOR SHALL COORDINATE ROUTING OF ALL PIPING WITH EXISTING CONDITIONS AND SHALL PROVIDE ANY NECESSARY OFFSETS, REROUTING, TEES, ELBOWS, ETC. REQUIRED FOR A COMPLETE AND COORDINATED INSTALLATION.
- FINISHED FLOOR ELEVATION (F.F.E.) SHALL BE 100.00 FOR CALCULATION PURPOSES ONLY, UNLESS NOTED OTHERWISE.
- ALL PLUMBING FIXTURES AND PLUMBING SYSTEM EQUIPMENT SHALL BE PROVIDED COMPLETE WITH ALL ACCESSORIES, HANGERS, VALVES, STOPS, TAILPIECES, TRAPS, FAUCETS, STRAINERS, ETC. SEE FIXTURE SCHEDULE.
- LIGHTING & SPRINKLER HEADS TAKE PRECEDENCE OVER PIPING. CONTRACTOR SHALL MAKE NECESSARY ADJUSTMENTS TO PIPE ROUTING TO AVOID ANY CONFLICT WITH LIGHTING LAYOUT & SPRINKLER HEADS.
- CONTRACTOR SHALL FIELD VERIFY SITE WATER AND WASTE UTILITY CONNECTION SIZE, AND LOCATION PRIOR TO BEGINNING CONSTRUCTION. CONTRACTOR SHALL IMMEDIATELY NOTIFY ENGINEER OF ANY DISCREPANCIES BETWEEN THE PLANS AND ACTUAL FIELD CONDITIONS.
- PLUMBING CONTRACTOR TO COORDINATE EXACT STREET WATER PRESSURE AND NOTIFY ENGINEER OF ANY DISCREPANCIES. CONTRACTOR SHALL PROVIDE A PRESSURE REDUCING VALVE (PRV) IF STREET WATER PRESSURE EXCEEDS 80 PSI. PRV SHALL BE INSTALLED ON BUILDING SIDE OF WATER METER AND SET TO 80 PSI.
- THE CONTRACTOR SHALL DO ALL NECESSARY CUTTING OF WALLS AND CEILING.
- NO STRUCTURAL MEMBER SHALL BE CUT WITHOUT PERMISSION FROM THE ENGINEER.
- PATCH AROUND ALL OPENINGS TO MATCH EXISTING CONSTRUCTION.
- EXACT LOCATION OF PLUMBING FIXTURES SHALL BE DETERMINED FROM ARCHITECTURAL AND KITCHEN DRAWINGS.
- BEFORE SUBMITTING BID, THE PLUMBING CONTRACTOR SHALL REVIEW THE ARCHITECTURAL DRAWINGS AND INCLUDE IN HIS BID AN AMOUNT TO FINISH AND INSTALL ANY FIXTURES WHICH ARE SHOWN IN ADDITION TO FIXTURES SHOWN ON THE PLUMBING DRAWINGS.
- CONTRACTOR SHALL VERIFY DIRECTION OF FLOW, INVERT ELEVATIONS OF SEWERS TO WHICH NEW WASTE LINES ARE TO BE CONNECTED BEFORE MAKING UP OR INSTALLATION OF NEW WASTE SYSTEM.
- THE INSTALLATION OF ALL VALVES, UNIONS, THERMOMETERS, GAUGES, OR OTHER INDICATING OR RECORDING EQUIPMENT, OR SPECIALTIES REQUIRING FREQUENT READING, REPAIRS, ADJUSTMENT, INSPECTION, REMOVAL OR REPLACEMENT SHALL BE CONVENIENTLY AND ACCESSIBLY LOCATED WITH REFERENCE TO THE FINISHED BUILDING.
- CONTRACTOR SHALL ROUGH-IN ALL WASTES AND SUPPLIES TO SPECIAL EQUIPMENT ACCORDING TO MANUFACTURERS SHOP DRAWINGS AND MAKE FINAL CONNECTIONS, ALL SUPPLIES TO BE VALVED.
- CONTRACTOR SHALL CAP UNUSED PIPING AS REQUIRED.
- ALL ROOF PENETRATIONS SHALL BE DONE IN ACCORDANCE WITH ROOF MANUFACTURER'S RECOMMENDATIONS SO AS NOT TO VOID THE WARRANTY. WATER CLOSERS IN PUBLIC TOILET ROOMS SHALL CENTER ON THE FINAL LAYOUT OF TOILET PARTITIONS.
- BACKFLOW PROTECTION IS REQUIRED ON ALL NEW WATER SERVICES OR EXISTING UNPROTECTED SERVICES SUPPLYING WATER TO A SYSTEM UPON WHICH PLUMBING WORK IS PROPOSED.
- REFER TO ARCHITECTURAL AND KITCHEN DRAWINGS FOR MOUNTING HEIGHTS OF PLUMBING FIXTURES.
- THE CONTRACTOR SHALL COORDINATE ANY PLUMBING OR PIPING SYSTEM SHUTDOWN WITH THE OWNER 48 HOURS IN ADVANCE.
- ALL DOMESTIC WATER, DEIONIZED WATER, NATURAL GAS, SHOWN IS ABOVE CEILING, EXPOSED OVERHEAD, AND WITHIN WALLS UNLESS OTHERWISE NOTED.
- WATER HAMMER ARRESTORS SHALL BE INSTALLED AT THE ENDS OF EACH BRANCH FOR HOT AND COLD WATER PIPING AND ALL LOCATIONS PER MANUFACTURER RECOMMENDATIONS.
- ISOLATION VALVES SHALL BE INSTALLED ON ALL SUPPLY FIXTURE GROUPS AND HOT WATER BALANCING VALVES.
- ALL PLUMBING & PIPING SYSTEMS SHALL BE SUPPORTED AS REQUIRED BY THE LOCAL CODE REQUIREMENTS AND PER MANUFACTURER'S RECOMMENDATIONS.
- INSTALL ESCUTCHEONS FOR PIPING PENETRATION OF WALL, CEILING, AND FINISHED FLOORS IN ALL EXPOSED LOCATIONS: ID TO CLOSELY FIT AROUND PIPE, TUBE, AND INSULATION OF PIPING AND WITH OD THAT COMPLETELY COVERS THE OPENING.
- ANY PVC PIPE PENETRATING A FIRE RATED ASSEMBLY SHALL BE EXTERNALLY SLEEVED WITH STEEL, FERROUS, OR COPPER MATERIALS, SECURELY FASTENED TO THE FIRE RATED ASSEMBLY, ANY SPACE BETWEEN THE SLEEVE AND THE FIRE RATED ASSEMBLY PENETRATED SHALL BE PROTECTED USING MATERIAL THAT CONFORMS TO ASTM E 814 OR UL 1479, SUCH AS FIRE STOP FS-1900 OR FLAME STOPPER 5000.

### COMMERCIAL WATER GENERAL NOTES

- EACH CHEMICAL DISPENSER MUST HAVE A DEDICATED 3/4" WATER SUPPLY, LOCATED WITHIN 4 FEET OF THE DISPENSER. IT MUST PROVIDE TEMPERED WATER (NO JUSTICE FROM 60-120°F) WITH A FLOW RATE OF 4 GPM AT 40 PSI DYNAMIC/FLOWING PRESSURE (35 PSID MIN.). THE HOT AND COLD WATER SUPPLY LINES MUST HAVE CHECK VALVES TO PREVENT HOT/COLD WATER CROSS-OVER, IF THE TEMPERING VALVE DOES NOT INCLUDE THEM, IT MUST INCLUDE A SHUT-OFF VALVE TERMINATING IN A 3/4" GARDEN HOSE MALE FITTING.
- CHEMICAL DISPENSER CONTINUED- THE DEDICATED WATER SUPPLY SHOULD NOT HAVE ANY BACKFLOW PREVENTION (E.G. NO ATMOSPHERIC VACUUM BREAKER, ETC.), UNLESS REQUIRED BY THE LOCAL PLUMBING CODE OR UTILITY - EACH CHEMICAL DISPENSER INCLUDES AN INTEGRAL BACKFLOW PREVENTER ASSE 1059.
- ALL CHEMICAL DISPENSERS WITH NO "AIR GAP" WATER FILL WILL REQUIRE A BACKFLOW PREVENTER, I.E. SVB "SPILL RESISTANT VACUUM BREAKER", R.P.B.P. DEDICATED WATER SUPPLY TO CHEMICAL DISPENSER(S) MUST EXIT INTO MOP SINK; CONNECTION TO FAUCET WILL BE UNACCEPTABLE.
- COORDINATE WATER LINES WITH ELECTRICAL CONTRACTOR, PIPING SHALL NOT BE ROUTED OVER ELECTRICAL PANEL OR EQUIPMENT.
- PUBLIC AND EMPLOYEE TOILET SEATS SHALL BE THE OPEN-FRONT TYPE.
- FIRE SPRINKLER AND FIRE ALARM PLANS SHALL BE DEFERRED.
- WATER HAMMER ARRESTORS SHALL BE INSTALLED WHERE QUICK CLOSING VALVES ARE UTILIZED.
- PROVIDE CHECK VALVES FOR ALL PRE-RINSE FAUCETS THAT UTILIZE HOSES.
- ALL LAVS AND HAND SINKS WILL HAVE TEMPERING VALVE SET AT 105°. TEMPERED WATER DEVICES SHALL CONFORM TO ASSE 1070.
- WATER PIPE FITTINGS WITH A LEAD CONTENT EXCEEDING 0.25% SHALL BE PROHIBITED IN SYSTEMS CONVEYING POTABLE WATER.
- PROVIDE DRAIN VALVES IN THE HOT AND COLD WATER SYSTEM AT ALL LOW POINTS TO ALLOW FOR COMPLETE DRAINAGE.
- ALL PIPE INSULATION SHALL RUN CONTINUOUSLY THROUGH FLOORS, WALLS, AND PARTITIONS.
- PROVIDE ACCESS DOORS FOR ALL VALVES AND DEVICES REQUIRING ACCESS WHEN LOCATED IN WALLS OR ABOVE INACCESSIBLE CEILING CONSTRUCTION.
- FROST PROOF HOSE BIBBS AND SUPPLY PIPING SHALL BE INSTALLED ON THE INSIDE OF THE INSULATION. SEAL SHEATHING PENETRATION TO PREVENT AIR FROM REACHING THE VALVE. PROVIDE ISOLATION VALVE IN AN ACCESSIBLE LOCATION.

### COMMERCIAL WASTE AND VENT GENERAL NOTES

- THE CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL UNDER SLAB PIPING WITH STRUCTURAL FOUNDATIONS, UNDERGROUND UTILITY LOCATIONS SHALL BE VERIFIED PRIOR TO ANY WORK BEING PERFORMED. CONTRACTOR SHALL REPAIR OR REPLACE ALL PIPING NOT IN PROPER WORKING ORDER OR DAMAGED DURING INSTALLATION OF THE NEW UNDERGROUND PIPING.
- INVERT ELEVATIONS SHALL BE ESTABLISHED AND VERIFIED BEFORE WASTE PIPING IS INSTALLED SO THAT PROPER SLOPES WILL BE MAINTAINED. CONTRACTOR TO COORDINATE/VERIFY EXACT LOCATIONS FOR ALL FLOOR DRAINS/FLOOR SINKS PRIOR TO SAWCUTTING.
- ALL WASTE PIPING SHOWN IS BELOW SLAB, BELOW FLOOR, OR WITHIN WALLS UNLESS OTHERWISE NOTED. ALL SANITARY VENT PIPING SHOWN IS ABOVE CEILING, EXPOSED OVERHEAD, OR WITHIN WALLS UNLESS OTHERWISE NOTED.
- ALL CONDENSATE LINES TO BE RUN BY PLUMBING CONTRACTOR IN ACCORDANCE WITH ALL LOCAL PLUMBING CODES.
- VENT THRU ROOF. VERIFY IN FIELD A MIN. OF 1' FROM ALL OUTDOOR AIR INTAKE. SEE ISOMETRIC WHEN TWO OR MORE VENT PIPES CONVERGE EACH VENT PIPE SHALL RISE TO A POINT AT LEAST 6" IN HEIGHT ABOVE THE FLOOD LEVEL BEFORE LEVELING OFF.
- PROVIDE PROTECTION OF THE TRAP PRIMERS FOR ALL FLOOR DRAINS SUBJECT TO INFREQUENT USE.
- FLOOR DRAINS ARE TO BE THE SAME SIZE AS THE DRAIN LINE IT CONNECTS UNLESS NOTED OTHERWISE. IF SIZE IS NOT INDICATED ON DRAWINGS REFER TO PLUMBING ROUGH-IN SCHEDULE FOR PROPER SIZE.

### HOT WATER COMPLIANCE NOTES

- WATER-HEATING EQUIPMENT NOT SUPPLIED WITH INTEGRAL HEAT TRAPS AND SERVING NONCIRCULATING SYSTEMS SHALL BE PROVIDED WITH HEAT TRAPS ON SUPPLY AND DISCHARGE PIPING ASSOCIATED WITH EQUIPMENT.
- HOT OR TEMPERED WATER SUPPLY TO FIXTURES, THE DEVELOPED LENGTH OF HOT OR TEMPERED WATER PIPING, FROM THE SOURCE OF HOT WATER TO THE FIXTURES THAT REQUIRE HOT OR TEMPERED WATER, SHALL NOT EXCEED 50 FEET. RECIRCULATING SYSTEM PIPING AND HEAT-TRACED PIPING SHALL BE CONSIDERED TO BE SOURCES OF HOT OR TEMPERED WATER.
- HOT WATER SYSTEM CONTROLS, AUTOMATIC CIRCULATING HOT WATER SYSTEM PUMPS OR HEAT TRACE SHALL BE ARRANGED TO BE CONVENIENTLY TURNED OFF, AUTOMATICALLY OR MANUALLY, WHEN THE HOT WATER SYSTEM IS NOT IN OPERATION.
- RECIRCULATING PUMP, WHERE A THERMOSTATIC MIXING VALVE IS USED IN A SYSTEM WITH A HOT WATER RECIRCULATING PUMP, THE HOT WATER OR TEMPERED WATER RETURN LINE SHALL BE ROUTE TO THE COLD WATER INLET PIPE OF THE WATER HEATER AND THE COLD WATER INLET PIPE OR THE HOT WATER RETURN CONNECTION OF THE THERMOSTATIC MIXING VALVE.
- THERMAL EXPANSION CONTROL. A MEANS OF CONTROLLING INCREASED PRESSURE CAUSED BY A THERMAL EXPANSION SHALL BE PROVIDED WHERE IN ACCORDANCE WITH GOVERNING CODE OR REGULATION.

### KITCHEN PLUMBING GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR COORDINATING LOCATION OF KITCHEN EQUIPMENT, FLOOR DRAINS, FLOOR SINKS, WASTE CONNECTIONS, SUPPLY CONNECTIONS, ETC. WITH FOOD SERVICE PLANS AND KITCHEN EQUIPMENT REQUIREMENTS. REFER TO FOOD SERVICE PLANS FOR ADDITIONAL PLUMBING EQUIPMENT SCHEDULES.
- REFER TO PLUMBING FIXTURE SCHEDULE AND FOOD SERVICE PLANS FOR WASTE, WATER, AND VENT PIPE SIZES TO INDIVIDUAL FIXTURES NOT INDICATED ON THIS DRAWING. ALL VENT PIPING SERVING FLOOR DRAINS AND FLOOR SINKS TO BE 2" MINIMUM.
- CONTRACTOR TO COORDINATE/VERIFY EXACT LOCATIONS FOR ALL FLOOR DRAINS/FLOOR SINKS PRIOR TO SAWCUTTING.
- ALL FLOOR SINKS SHALL BE INSTALLED SO THAT TOP IS FLUSH WITH FINISHED CONCRETE FLOOR.
- ALL FLOOR SINKS TO RECEIVE INDIRECT WASTE FROM EQUIPMENT ON LESS THAN 6 INCH LEGS ARE REQUIRED TO BE LOCATED WITH A MINIMUM OF 50% EXPOSURE. WHEN THERE IS AN EASILY ACCESSIBLE WALL SPACE AT THE SIDE OF THE UNIT THEN THE RECEPTOR BE LOCATED THERE WITH 100% EXPOSURE. A PROPER AIR GAP IS REQUIRED.
- FLOOR SINKS FOR INDIRECT WASTE FROM PREPARATION SINKS, EQUIPMENT WASHING SINKS, AND FIXTURES ON LEGS HIGHER THAN 6 INCHES SHOULD BE EASILY ACCESSIBLE AND LOCATED FLUSH WITH THE FRONT EDGE OF THE UNITS. A PROPER AIR GAP IS REQUIRED.
- WASTE LINES FROM THE STORAGE SECTION OF ICEMAKERS AND DISPENSERS MUST BE ROUTED SEPARATELY FROM THE DUMP, OVERFLOW, AND/OR CONDENSER LINES. ALL LINES ARE REQUIRED TO BE INDIRECTLY WASTED INTO AN APPROVED RECEPTOR AND MAINTAIN A PROPER AIR GAP.
- INDIRECT WASTE PIPING THAT HAS A DEVELOPED LENGTH GREATER THAN 30-INCHES (30') WHEN MEASURED HORIZONTALLY OR GREATER THAN 64-INCHES (54") IN TOTAL DEVELOPED LENGTH SHALL BE TRAPPED, EXCEPTION INDIRECT WASTE PIPING CONVEYING ONLY CLEAR-WATER WASTE (E.G. EFFLUENT FROM A SANITIZING COMPARTMENT) DOES NOT REQUIRE A TRAP.
- ALL PIPING LOCATED IN WALLS BEHIND KITCHEN HOODS SHALL BE NONCOMBUSTIBLE. PLASTIC PIPING IS NOT ALLOWED IN WALLS BEHIND KITCHEN HOODS.
- GAS PIPING CONNECTION TO KITCHEN EQUIPMENT SHALL BE BY MEANS OF FLEXIBLE STAINLESS STEEL HOSE, PROVIDE EQUIPMENT RESTRAINTS TO LIMIT MOVEMENT OF EQUIPMENT UPON PULL OUT PER CODE.
- CONTRACTOR TO PROVIDE SHUT-OFF VALVES ON THE INLET SIDE OF THE DOW, DHW, AND FCW LINES SERVING EACH PIECE OF EQUIPMENT.
- PROVIDE MANUAL & SOLENOID SHUT-OFF VALVES IN GAS LINES SERVING COOKING EQUIPMENT.
- WHERE TWO DISSIMILAR METALS ARE JOINED TO MAKE A COLD OR HOT WATER CONNECTION, PLUMBING CONTRACTOR SHALL FURNISH AND INSTALL A DIELECTRIC UNION TO PREVENT ELECTROLYSIS.
- IF WATER HARDNESS EXCEEDS TEN GRAINS, OR IF EXCESSIVE LIME, IRON, ALKALINE, ETC. ARE PRESENT, PROPER WATER CONDITIONING EQUIPMENT SHALL BE INSTALLED ON THE MAIN WATER LINES SERVING THE FOOD SERVICE AREA. ALL WATER CONDITIONING EQUIPMENT SHALL BE PROVIDED BY OTHERS THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING WATER HARNESS/IMPURITIES TESTING.

### PLUMBING CODE COMPLIANCE

- ALL WORK TO COMPLY WITH THE GOVERNING PLUMBING CODE, AND ALL LOCAL ADOPTED CODES AND AMENDMENTS.
- TEST ALL SEWER, WATER, AND NATURAL GAS PIPING PRIOR TO BACKFILL AND COVER. CALL FOR INSPECTION AND WITNESS TESTING PRIOR TO CONCEALING WATER, SEWER, AND NATURAL GAS PIPING.
- PENETRATIONS THROUGH RATED WALLS AND FLOORS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES. ALL MATERIALS TO BE APPROVED OR LISTED.
- FLUSH AND DISINFECT ALL POTABLE WATER PIPING PRIOR TO OCCUPANCY.
- PROVIDE PIPE INSULATION ON HOT WATER SYSTEM AND HOT WATER RETURN PER GOVERNING ENERGY CODE.
- THE LANDSCAPE LINES AND METER ARE PER THE CIVIL PLANS.
- PROVIDE TRACER WIRES FOR ALL PLASTIC UNDERGROUND PIPING.
- WHERE EARTHQUAKE LOADS ARE APPLICABLE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE, PIPING AND EQUIPMENT SUPPORTS SHALL BE DESIGNED AND INSTALLED FOR THE SEISMIC FORCES IN ACCORDANCE WITH THE STATE BUILDING CODE.
- ALL PLUMBING FIXTURES TO BE FULLY ACCESSIBLE TO INDIVIDUALS WITH DISABILITIES ACT OF 2010. FIXTURES AND THEIR INSTALLATION SHALL ALSO COMPLY WITH NATIONAL STANDARDS INSTITUTE (ANSI) PUBLICATION A17.1 - PROVIDING ACCESSIBILITY AND USABILITY FOR PHYSICALLY HANDICAPPED PEOPLE AND/OR GOVERNING CODES - ALL PLUMBING FIXTURES, EQUIPMENT, TRIM, & FITTINGS SHALL COMPLY WITH CITY REQUIREMENTS, AND FEDERAL REGULATIONS AND CODES, INCLUDING, BUT NOT LIMITED TO, WATER AND ENERGY CONSERVATION CODES, THE SCHEDULED AND/OR SPECIFIED PLUMBING FIXTURES AND EQUIPMENT REPRESENT THE MINIMUM CRITERIA AND SHALL BE THE BASIS FOR THE CONTRACTOR'S BASE BID. IF THE SCHEDULED OR SPECIFIED FIXTURES OR EQUIPMENT DO NOT COMPLY WITH GOVERNING CODES OR REGULATIONS IN ALL RESPECTS, THE CONTRACTOR SHALL PROVIDE AN ALTERNATE BID FOR COMPLIING FIXTURES, EQUIPMENT, TRIM, OR FITTINGS. THE ABSENCE OF AN ALTERNATE BID SHALL BE CONSTRUED TO MEAN THAT THE CONTRACTOR'S BID INCLUDES ALL COSTS NECESSARY TO MEET ALL REGULATIONS & CODES.

### PLUMBING LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
—SS—	SANITARY WASTE (SS)	— — —	BALL VALVE
— -- V -- --	VENT LINE (V)	— /— —	BUTTERFLY VALVE
— · · · · —	COLD WATER (CW)	—∩—	CHECK VALVE
— · · · · —	HOT WATER (HW)	—∩—	GAS COCK
— · · · · —	HOT WATER RETURN (HWR)	—X—	GATE VALVE (SHUT OFF)
—G—	NATURAL GAS (G)	— /— —	EMERGENCY SOLENOID VALVE
—FW—	FILTERED WATER	—X—	PRESSURE REDUCING VALVE
—CD—	CONDENSATE DRAIN (CD)	— /— —	UNION (DIELECTRIC)
—RD—	ROOF DRAIN LEADER	— /— —	FLOOR DRAIN (F.D.)
—OD—	OVERFLOW DRAIN LEADER	— /— —	FLOOR SINK (F.S.)
—PD—	PUMP DRAINAGE LINE (PD)	— /— —	ROOF DRAIN (R.D.)
—GW—	GREASE WASTE LINE (GW)	— /— —	OVER FLOW DRAIN
— /— —	VENT THRU ROOF (VTR)	—O—O—	SURFACE / FLOOR CLEANOUT
— /— —	POINT OF CONNECTION.	— /— —	CLEANOUT / WALL CLEANOUT

\*\*\* ALL SYMBOLS ON LEGEND MAY NOT APPLY TO DRAWING(S). \*\*\*



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### PLUMBING LEGEND & NOTES

PLUMBING SHEET LIST	
SHEET NUMBER	SHEET NAME
P001	PLUMBING LEGEND & NOTES
P100	DWW PLAN
P110	SLAB PENETRATION PLAN
P200	WATER PLAN
P300	GAS & OIL PLAN
P500	PLUMBING DETAILS
P601	PLUMBING DETAILS
P600	PLUMBING SCHEDULES
P700	PLUMBING RISER DIAGRAM

SHEET:  
**P001**



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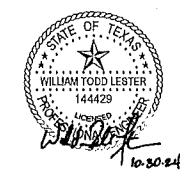
KEYNOTES	
22.05	ALL CONDENSATE PIPING LOCATED IN THE FREEZER SHALL BE PROPERLY INSULATED WITH HEAT TRACE, INSTALLED BY ELECTRICAL CONTRACTOR. ROUTE CONDENSATE PIPING AS HIGH AS POSSIBLE.
22.06	ROUTE PIPING AS HIGH AS POSSIBLE AND TIGHT TO WALLS USING COPPER BELL HANGERS. SLOPE 1" FOR EVERY 10FT. COORDINATE WITH SHELVING.
22.07	ROUTE CONDENSATE PIPING DOWN TO DRAIN WITH APPROVED AIR GAP.
22.11	ROUTE FULL SIZE DRAIN FROM EQUIPMENT TO NEAREST FLOOR SINK WITH CODE REQUIRED AIR GAP PER LOCAL AHJ.
22.12	OVERFLOW STORM PIPE DOWN INSIDE WALL. LOCATE BOTTOM OF DOWNSPOUT 18" ABOVE GRADE.
22.13	PRIMARY STORM PIPE DOWN INSIDE WALL. LOCATE BOTTOM OF DOWNSPOUT 18" ABOVE GRADE.
22.15	ROUTE STORM PIPING ABOVE CEILING TIGHT TO STRUCTURE. COORDINATE WITH PLUMBING, MECHANICAL, AND ELECTRICAL DISCIPLINES TO AVOID CONFLICT. SLOPE HORIZONTAL PIPE AT 1/4" FT.
22.25	PROVIDE 1 1/2" DRAIN AND DISCHARGE IN TO FLOOR SINK WITH AIR GAP. DRAIN LINE TO HAVE A VERTICAL VENT RISING ABOVE OVEN EXHAUST OUTLET. DRAIN MATERIAL SHALL WITHSTAND TEMPERATURES UP TO 250°F. INSTALL PER MANUFACTURERS REQUIREMENTS.

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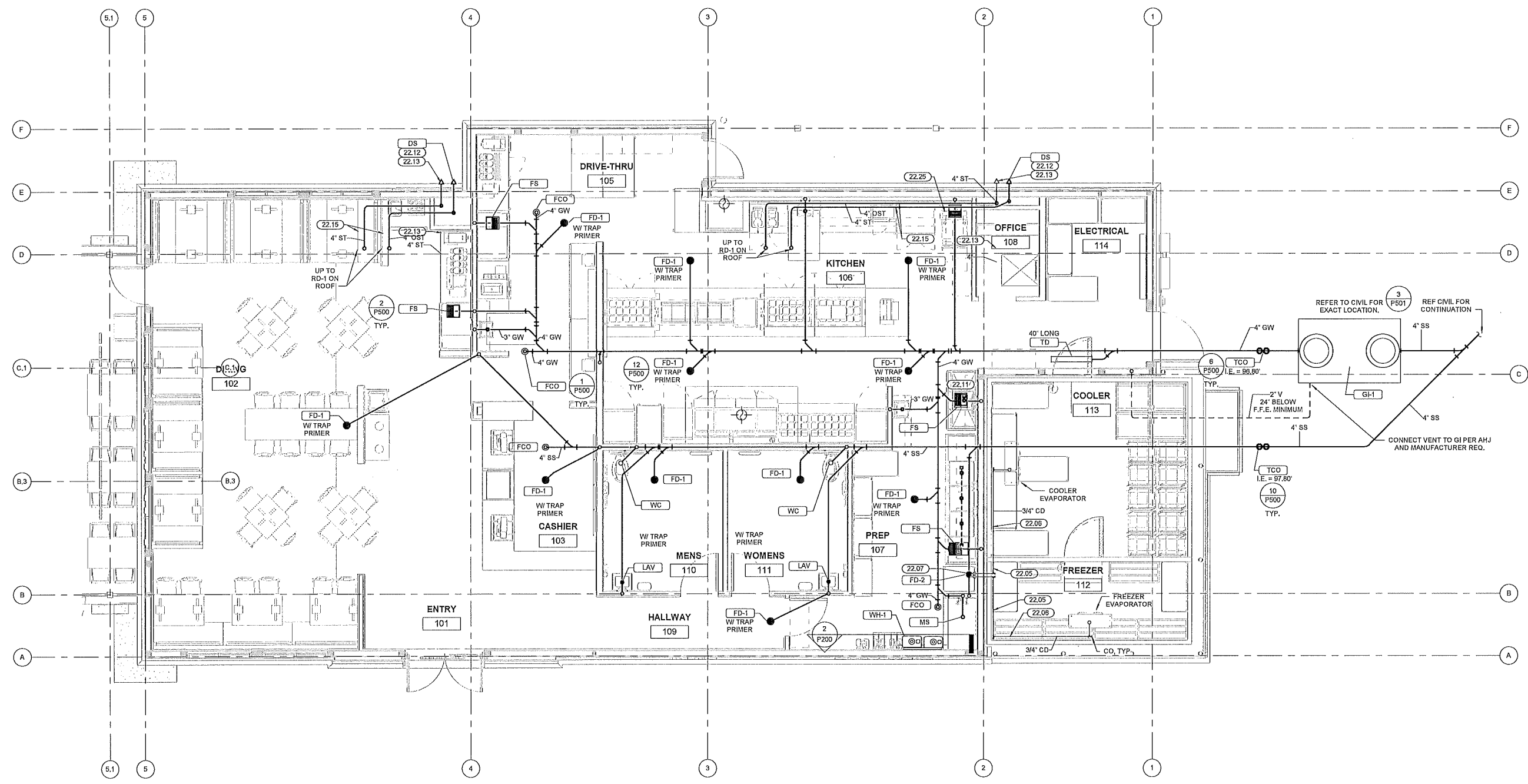
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DWV PLAN

SHEET: P100



1 DWV PLAN  
1/4" = 1'-0"



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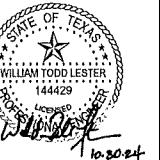
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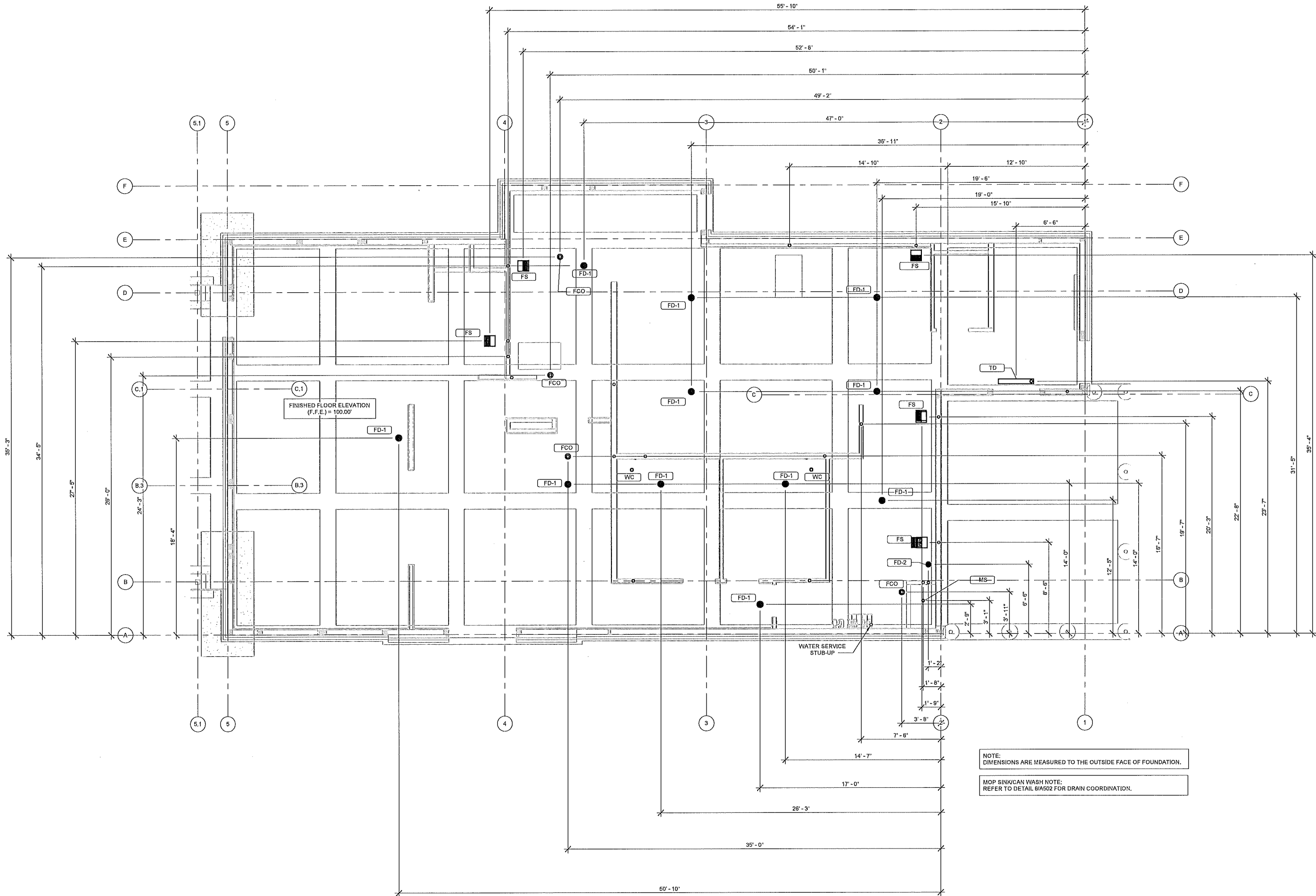
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SLAB PENETRATION PLAN

SHEET: P110

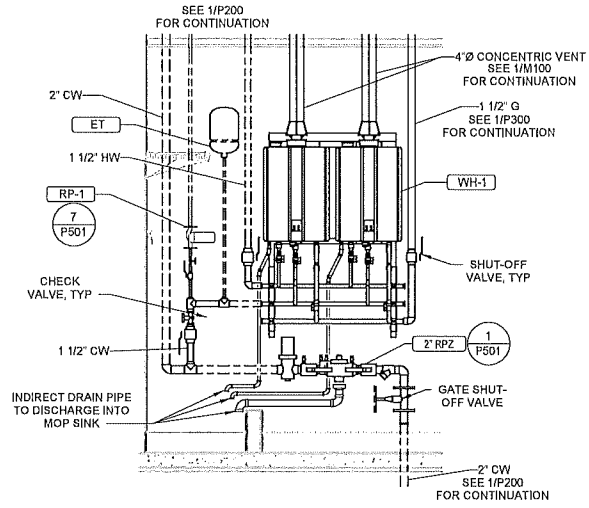


NOTE:  
DIMENSIONS ARE MEASURED TO THE OUTSIDE FACE OF FOUNDATION.  
MOP SINK/CAN WASH NOTE:  
REFER TO DETAIL B/A502 FOR DRAIN COORDINATION.

1 SLAB PENETRATION PLAN  
1/4" = 1'-0"

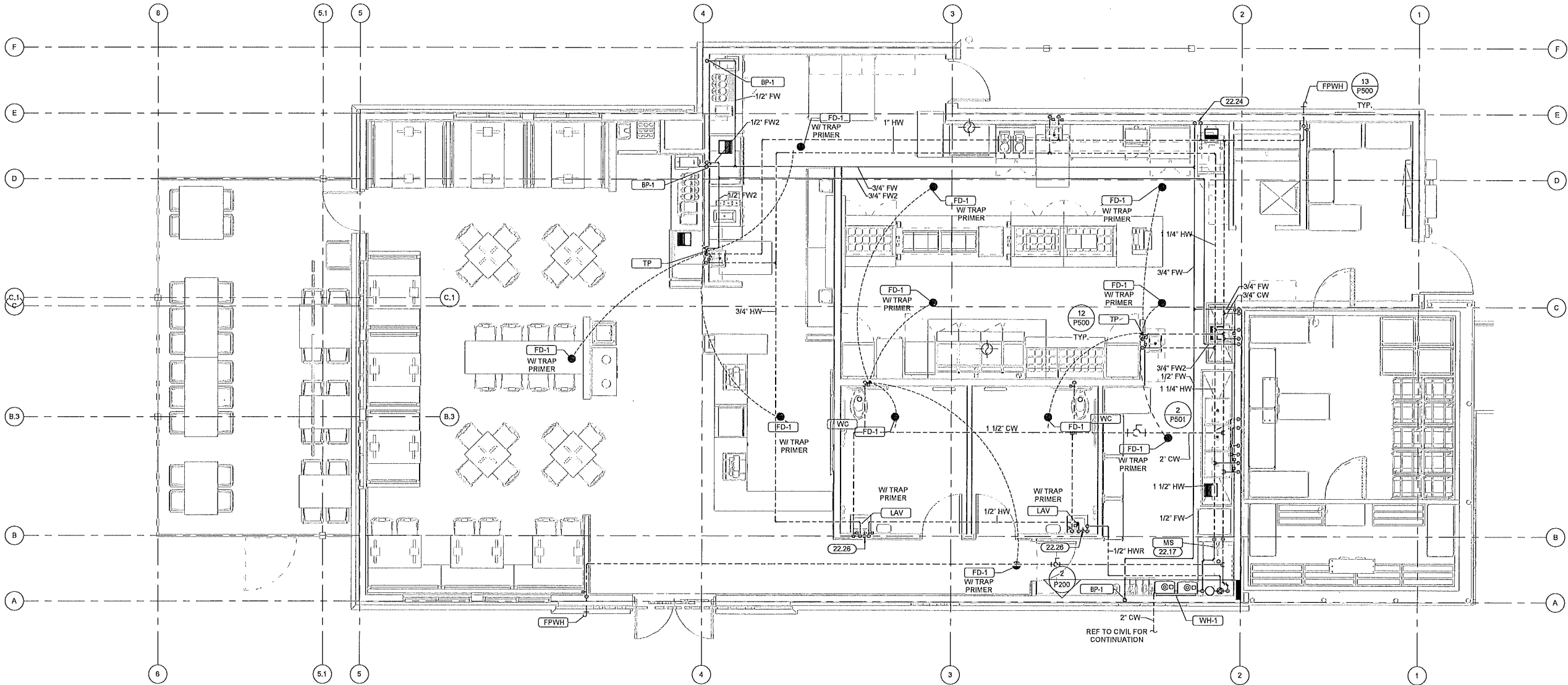


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 2-D P110-SLAB PENETRATION PLAN



**2 WATER HEATER DETAIL**  
1/2" = 1'-0"

NOTE:  
REFER TO PLUMBING FIXTURE SCHEDULE AND  
SPECIALTY FIXTURE SCHEDULE FOR  
INDIVIDUAL LINE RUN-OUT SIZES. REFER TO  
KITCHEN PLANS FOR ROUGH-IN HEIGHTS.



**1 WATER PLAN**  
1/4" = 1'-0"

KEYNOTES	
22.17	SUPPLY CHEMICAL DISPENSER ROUGH-IN WITH AHJ APPROVED BACKFLOW PREVENTION.
22.24	PROVIDE ONE 3/4" DOMESTIC COLD AND ONE 3/4" FILTERED WATER LINE TO OVEN. COORDINATE ALL REQUIREMENTS AND ROUGHINS WITH MANUFACTURERS RECOMMENDATIONS.
22.26	HOT WATER TO LAVATORIES SHALL DROP DOWN WALL AND CONNECT TO WITHIN 2 FEET OF LAVATORIES TO MEET THE 2021 IECC MAXIMUM PIPE LENGTH METHOD (C404.5.1). RISE PIPE BACK UP AND ROUTE ABOVE CEILING AS INDICATED.



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**WATER PLAN**

SHEET:  
**P200**

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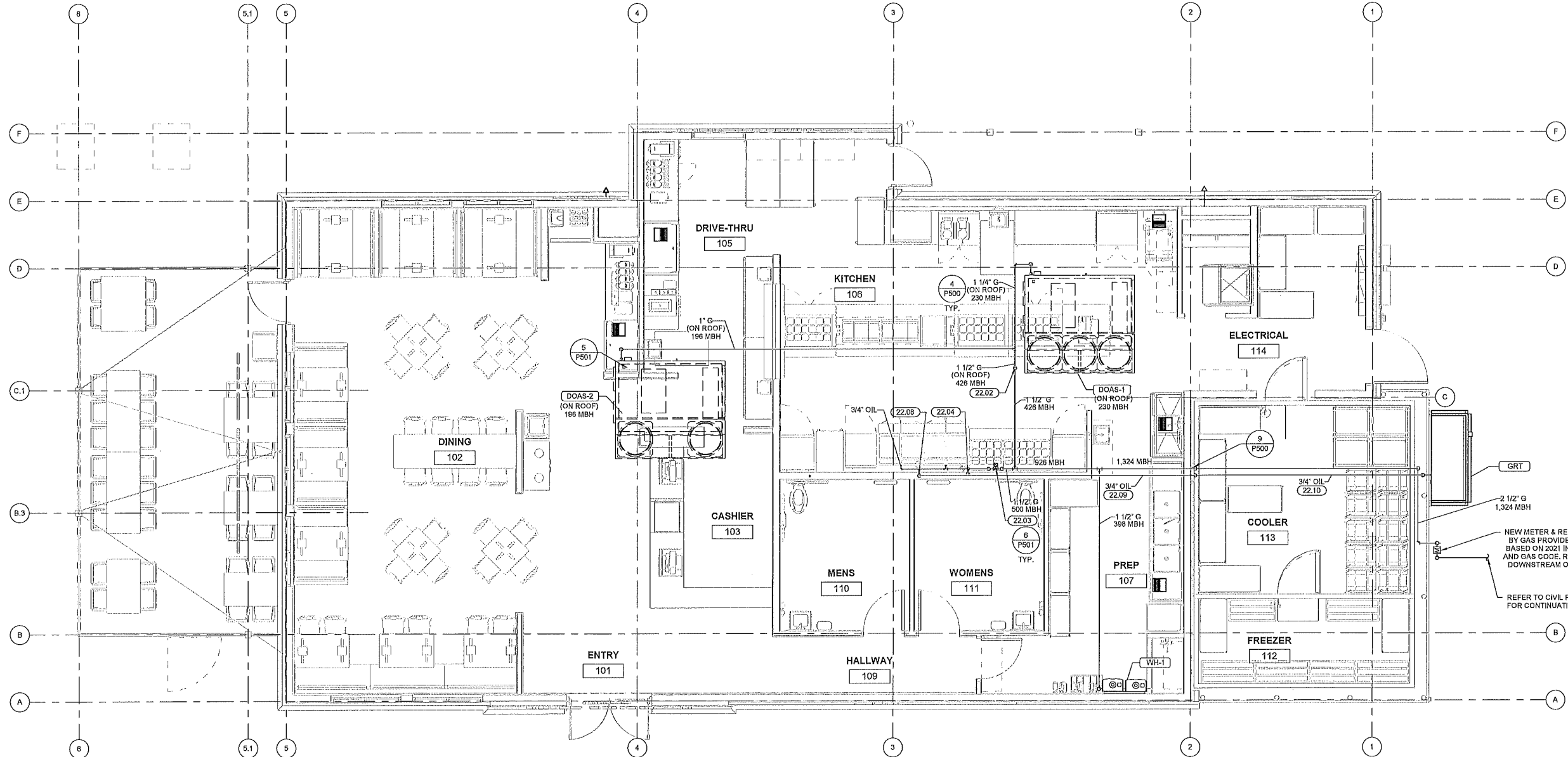
GAS LOAD SCHEDULE	
EQUIPMENT	GAS INPUT (BTU/H)
DOAS-1	228,970
DOAS-2	196,258
FRYERS (4 @ 125MB EACH)	500,000
WATER HEATERS (2 @ 199MBH EACH)	398,000
TOTAL CONNECTED LOAD (BTU/H)	1,324,228

REMARKS:  
 1. EQUIVALENT TO 1,324 CFH.  
 2. SET REGULATOR AT METER TO 7" W.C.  
 3. DEVELOPED LENGTH: 100 FT (METER TO DOAS-2)

KEYNOTES	
22.02	GAS PIPING UP THRU ROOF TO ROOF MOUNTED EQUIPMENT. SEAL ROOF PENETRATION WITH CODE APPROVED METHOD.
22.03	ANSUL SOLENOID VALVE AND INTERLOCK PROVIDED WITH HOOD. FIRE SUPPRESSION SYSTEM TO SHUT OFF GAS SUPPLY UPON ANY ALARM. PROVIDE MANUAL RESET RELAY IN ACCESSIBLE LOCATION. VERIFY LOCATIONS OF GAS STUB-OUTS WITH EQUIPMENT PRIOR TO INSTALLATION.
22.04	1-1/2" GAS DN INSIDE WALL TO FRYERS. GC TO ENSURE ADEQUATE PRESSURE AT FRYERS PER MANUFACTURERS REQUIREMENTS. ALL GAS PIPE FITTINGS CONCEALED IN WALL SHALL BE OF WELDED CONSTRUCTION OR FITTINGS LISTED FOR CONCEALED INSTALLATION.
22.08	3/4" GREASE RECOVERY LINE DOWN WALL TO FRYERS. COORDINATE CONNECTION TYPE WITH MANUFACTURERS RECOMMENDATIONS.
22.09	3/4" GREASE RECOVERY LINE ABOVE CEILING. SLOPE 1/8" PER FT TOWARD GRT. PROVIDE INSULATION ON ALL INTERIOR AND EXTERIOR PIPING USE MINIMUM NUMBER OF BENDS AS POSSIBLE.
22.10	ROUTE GREASE RECOVERY LINE OVER WALK-IN BOX.

CONTRACTOR SHALL COORDINATE ALL DETAILS OF THE GAS PIPING SYSTEM WITH THE LOCAL GAS COMPANY. THIS SHALL INCLUDE GAS METER, GAS REGULATOR AND GAS PRESSURE REQUIREMENTS. GAS METER AND SERVICE REGULATOR TO BE PROVIDED AND INSTALLED BY UTILITY COMPANY. VERIFY CORRECT GAS PRESSURE DOWNSTREAM OF SERVICE REGULATOR AFTER GAS UTILITY COMPLETES INSTALLATION. THE NATURAL GAS DEMAND SHOWN IN MBH IS BASED ON A HEATING VALUE OF 1000 BTU (1 MBH) PER CUBIC FOOT, A SPECIFIC GRAVITY OF 0.6, AND ON PRIMARY EQUIPMENT INDICATED ON PLANS. GAS PIPING SIZES SHALL BE AS NOTED ON PLANS.

NOTE:  
 REFER TO PLUMBING FIXTURE SCHEDULE AND SPECIALTY FIXTURE SCHEDULE FOR INDIVIDUAL LINE RUN-OUT SIZES. REFER TO KITCHEN PLANS FOR ROUGH-IN HEIGHTS.



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GAS & OIL PLAN

SHEET: P300

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1 GAS & OIL PLAN  
 1/4" = 1'-0"







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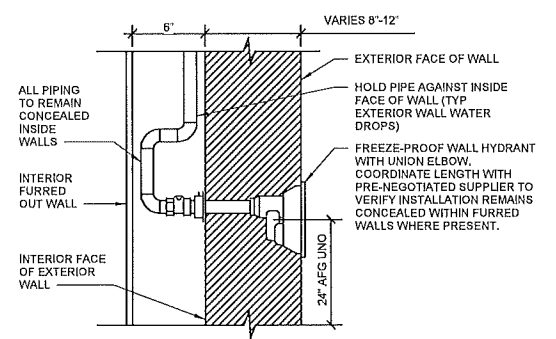
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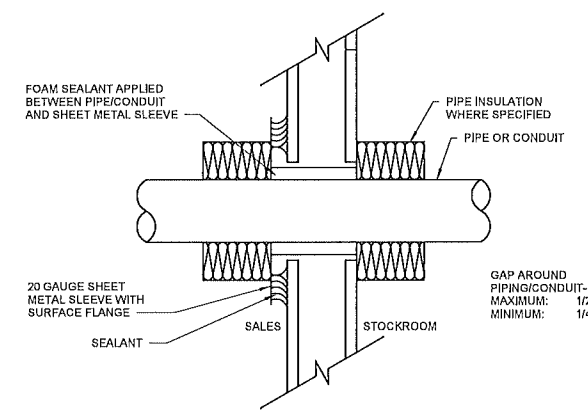


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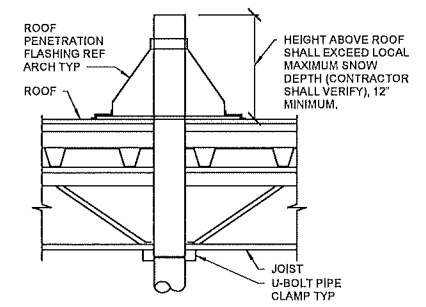
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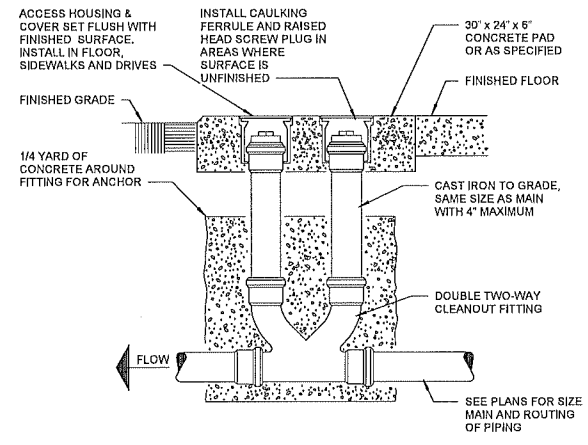
13 WALL HYDRANT DETAIL  
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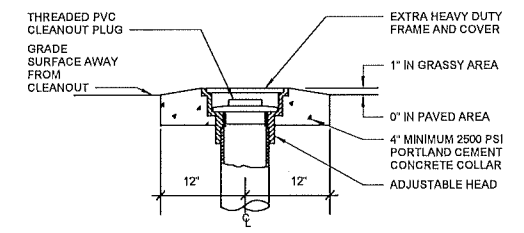
9 WALL PENETRATION DETAIL  
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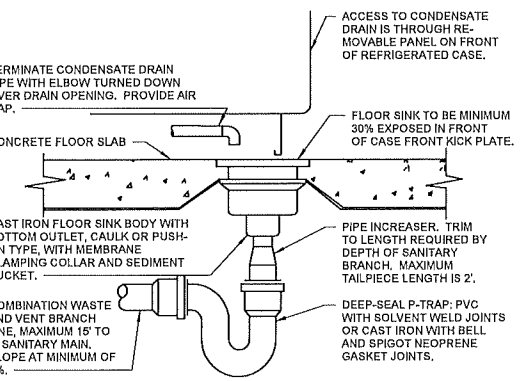
5 VENT THRU ROOF (VTR)  
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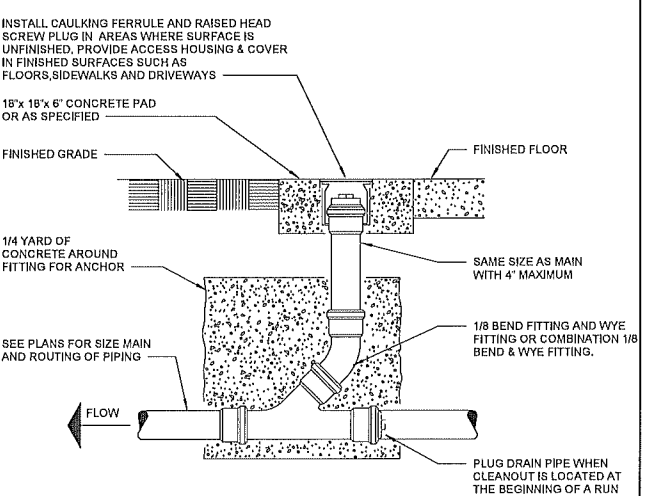
10 TWO-WAY CLEANOUT DETAIL  
1/8" = 1'-0"



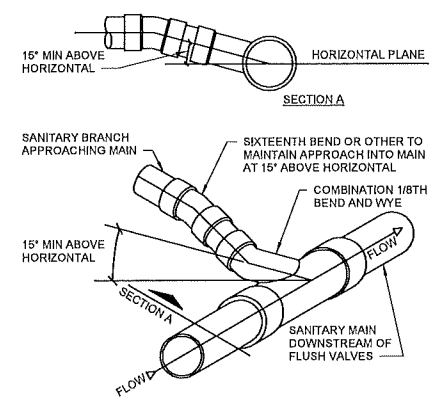
6 YARD CLEANOUT DETAIL  
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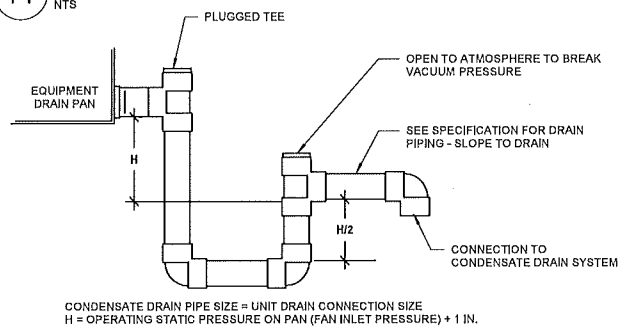
2 INDIRECT DRAIN DETAIL  
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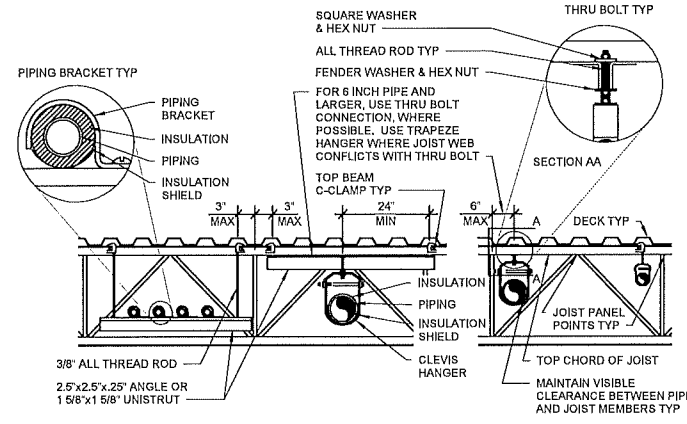
1 CLEANOUT DETAIL  
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11 DWV BRANCH CONNECTION  
DOWNSTREAM OF TOILET  
NTS

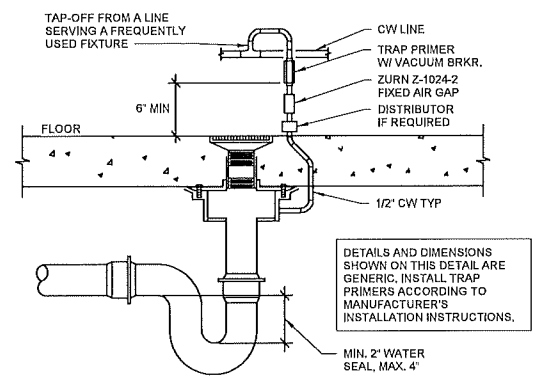


7 CONDENSATE TRAP DETAIL  
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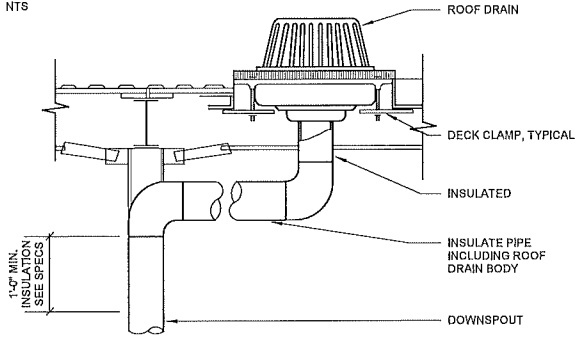


NOTE:  
1. UTILIZE FOR ALL PIPING EXCEPT SPRINKLER, ROOF DRAIN, AND REFRIGERATION PIPING.  
2. SPACE HANGERS AND SUPPORTS IN ACCORDANCE WITH SPECIFICATIONS.  
3. LOCATE HANGERS WITHIN 3 INCHES OF JOIST PANEL POINTS U.O.  
4. DO NOT SUPPORT PIPING FROM BOTTOM CHORD OF BAR JOISTS.  
5. INDIVIDUAL PIPES 3 INCH AND SMALLER NOT REQUIRED TO BE WITHIN 3 INCHES OF PANEL POINT.  
6. FOR PIPE RUNNING PARALLEL TO JOISTS, ATTACH TRAPEZE BEAM CLAMPS TO JOISTS ON EACH SIDE OF PIPE TYP.  
7. TRAPEZE HANGERS AND ALL THREAD RODS ARE SIZED TO CARRY (MAX) 6 - 3 INCH DIAMETER COPPER PIPES FULL OF WATER (37.62 LBS/FT) OR EQUIVALENT. IF LOAD EXCEEDS MAXIMUM, CONTACT THE EOR FOR PROPER SIZING

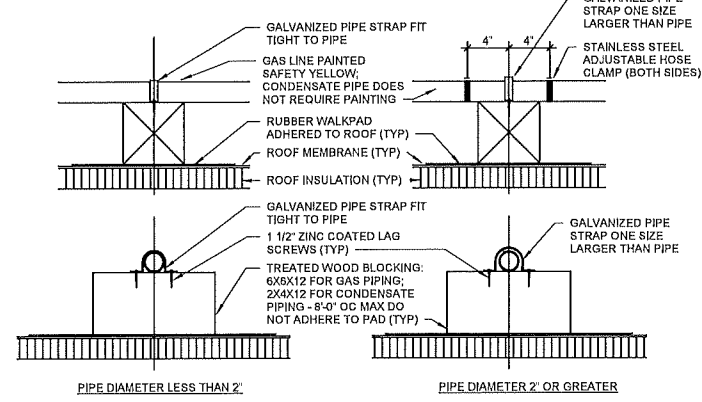
3 PIPE SUPPORT DETAIL  
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12 TRAP PRIMER DETAIL  
NTS



8 ROOF DRAIN DOWNSPOUT DETAIL  
NTS



4 ROOF PIPE BLOCKING DETAIL  
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 24-103024-PLUMBING DETAILS



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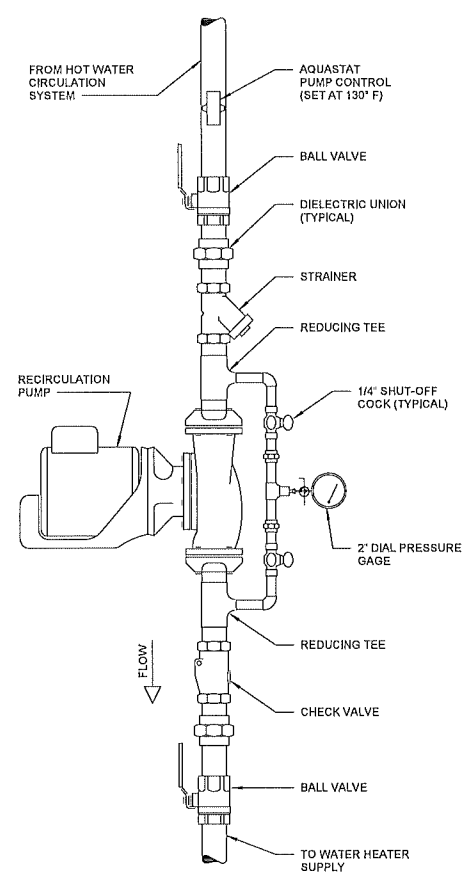

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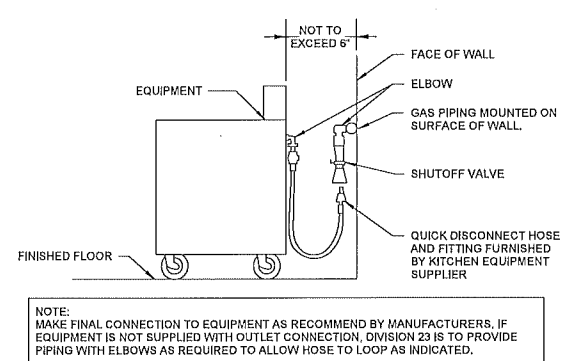
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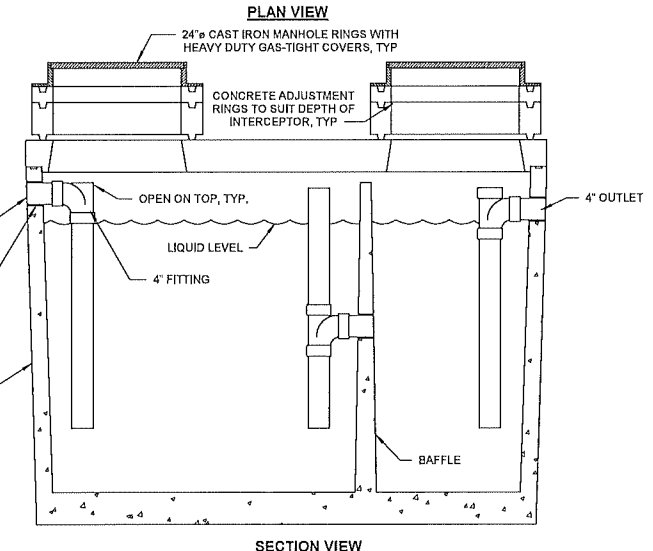
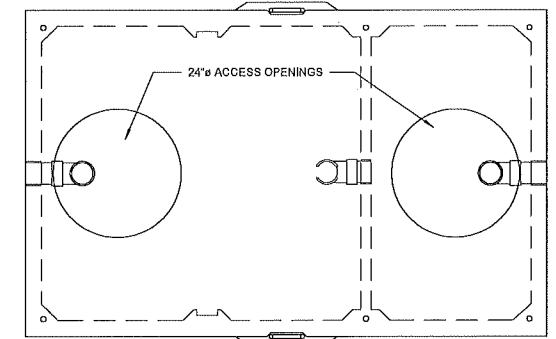


**7 RECIRCULATION PUMP DETAIL**  
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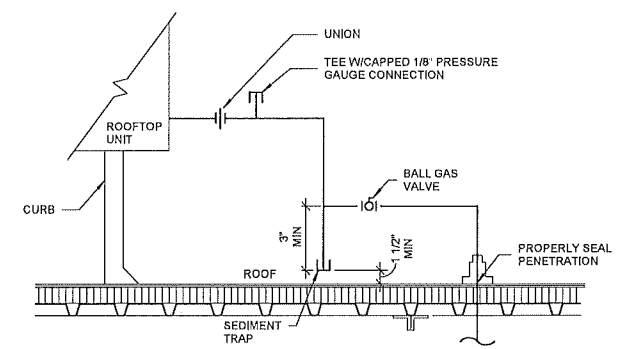
- NOTES:
1. PROVIDE 1000 GALLON (MIN) PRECAST GREASE TRAP WITH TWO HEAVY DUTY CAST MANHOLE COVES AND FRAMES.
  2. DETAIL SHOWS GENERAL REQUIREMENTS. CONTRACTOR SHALL SUBMIT PROPOSED INTERCEPTOR INSTALLATION PLANS AND SPECIFICATIONS TO AUTHORITIES HAVING JURISDICTION FOR APPROVAL BEFORE ACQUISITION OF INTERCEPTOR.
  3. PROVIDE TWO WAY CLEANOUTS BEFORE AND AFTER GREASE INTERCEPTOR.
  4. FIELD VERIFY LOCATION OF GREASE TRAP AND COORDINATE WITH OTHER TRADES IN AREA OF TRAP.
  5. GREASE TRAP SHALL BE FACTORY BUILT OR OFF-SITE BUILT, NO CONSTRUCTION ALLOWED ON SITE.
  6. GREASE INTERCEPTOR SHALL BE CONSTRUCTED PER "HIGHWAY H-20 LOADING" DESIGN REQUIREMENTS. ASSUME SOIL BEARING CAPACITY AT 2000 PSF MAXIMUM.
  7. MANHOLE COVERS SHALL HAVE THE WORDS "GREASE INTERCEPTOR" CAST ON EXTERIOR OF THE COVERS.
  8. PROCEPTOR SHALL BE USED AS EQUAL ALTERNATE. CONSULT LOCAL REPRESENTATIVE FOR SIZE.
  9. VENT INTERCEPTOR AS REQUIRED BY LOCAL CODE AND/OR MANUFACTURER'S RECOMMENDATION.
  10. PROVIDE SAMPLING PORT DOWNSTREAM OF THE JUNCTION WITH THE MAIN SANITARY SEWER. REF SAMPLING PORT DETAIL FOR FURTHER INFORMATION.
  11. REFER TO DWG PLAN FOR PIPE SIZES.



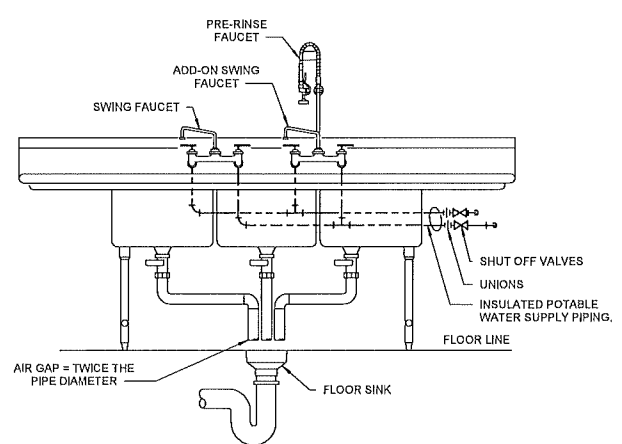
**6 EQUIPMENT GAS PIPING CONNECTION**  
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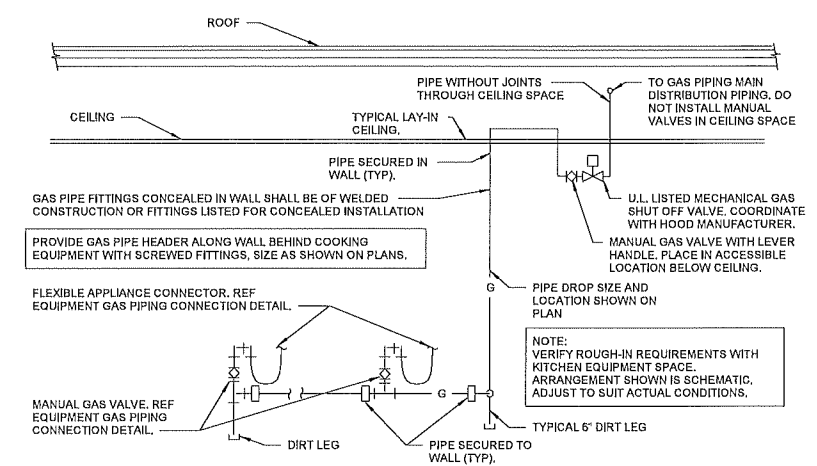
**3 GREASE INTERCEPTOR DETAIL**  
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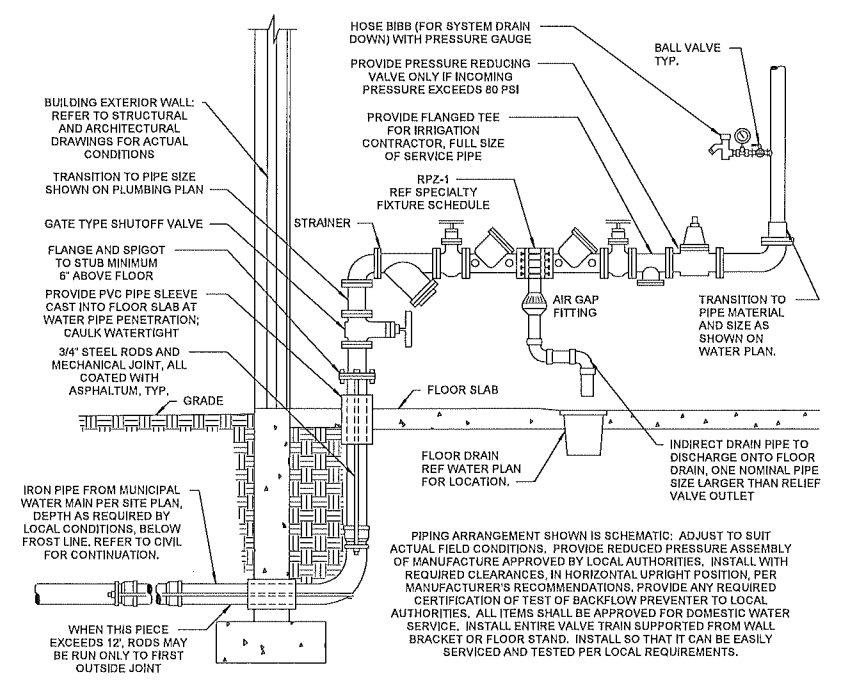
**5 GAS CONNECTION DETAIL**  
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**2 3-COMPARTMENT SINK DETAIL**  
NTS



**4 GAS PIPING AT HOOD**  
NTS



**1 WATER SERVICE ENTRY DETAIL**  
NTS

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### DOMESTIC FIXTURE SCHEDULE

(PROVIDED & INSTALLED BY G.C. UNLESS NOTED OTHERWISE IN NOTES)

MARK	DESCRIPTION	MANUFACTURER	MODEL	FAUCET/VALVE SELECTION		VOL. PER FLUSH	CONNECTION SIZES					NOTES
				MANUFACTURER	MODEL		DIRECT WASTE	INDIRECT WASTE	VENT	COLD WATER	HOT WATER	
FPWH	FREEZE-PROOF WALL HYDRANT	JR SMITH	5509QT	---	---	---	---	---	---	3/4"	---	NON-FREEZE TYPE WALL HYDRANT WITH BRASS HINGED BOX, INTEGRAL VACUUM BREAKER, VALVE ON THE INSIDE OF THE WALL, AND LOOSE KEY SOCKET ON THE OUTSIDE OF THE WALL. MAKE ARRANGEMENTS WITH THE GENERAL CONTRACTOR TO PROVIDE THE NECESSARY RECESS IN THE WALL. WHERE A RISER TO A WALL HYDRANT OCCURS IN AN OUTSIDE WALL THE CONTRACTOR SHALL INSULATE THE CHASE WITH INSULATION ON ALL SIDES OF THE CHASE, EXCEPT THE INSIDE WALL OF THE CHASE. PROVIDE SHUTOFF VALVE IN ACCESSIBLE LOCATION.
LAV	LAVATORY - WALL HUNG - ADA	AMERICAN STANDARD	DECORUM 9024.004	ZURN	Z6915-XL	---	1-1/4"	---	1-1/4"	1/2"	1/2"	WALL HUNG LAVATORY WITH BACKSPASH, FAUCET HOLES ON 4" CENTER, DECK-MOUNTED FAUCET WITH SENSOR 0.5 GPM AERATOR, 0.25 GALLONS PER CYCLE, KOHLER K-7131-A OFFSET CHROME PLATED CAST BRASS GRID DRAIN, SEAMLESS BRASS TAILPIECE W/ CAST BRASS LOCKNUT, MCGUIRE 8902 1-1/2" X 1-1/2" CHROME PLATED HEAVY CAST BRASS ADJUSTABLE P-TRAP W/ CLEANOUT PLUG, MCGUIRE 170LK CHROME PLATED SOLID BRASS ANGLE STOPS W/ 5" CHROME PLATED COPPER EXTENSION TUBE AND LOOSE KEY, FLEXIBLE CHROME PLATED COPPER RISERS, PROVIDE INSULATION EQUAL TO TRUEBRO LAV-GUARD PVC TYPE INSULATION AROUND "P" TRAP & IPS CONNECTIONS. PROVIDE WITH EXTERNAL ASSE 1070 COMPLIANT THERMOSTATIC MIXING VALVE SET TO 105°F.
MS	BUILT-IN MOP SINK	BUILT-IN BY GC	BUILT-IN BY GC	MUSTEE	63.600A	---	3"	---	2"	1/2"	1/2"	POURED IN-PLACE MOP SINK BASIN BY GC (APPROX 30"x48"), FAUCET TO BE CHROME PLATED BRASS ON 8" CENTER W/ INTEGRAL VACUUM BREAKER AND STOPS, 3/4" HOSE END SPOUT WITH PAIL HOOK, TOP REINFORCING BAR AND MOUNTING BRACKET, HOSE BRACKET 65.700, MOP HANGER 65.600, PROVIDE 3" DRAIN WITH CAST IRON P-TRAP WITH CLEANOUT STRAINER.
WC	WATER CLOSET - FLOOR MOUNT - FLUSH VALVE - ADA	AMERICAN STANDARD	MADERA 3043.001	ZURN	Z6000AV	1.28 GPF	4"	---	2"	1"	---	VITREOUS CHINA, ELONGATED FLOOR MOUNT WATER CLOSET, 1-1/2" TOP SPUD, WITH AMERICAN STANDARD ELONGATED OPEN FRONT SEAT 6901.100, MANUAL FLUSHMETER, INSTALL AT ADA COMPLIANT HEIGHT.

NOTES:  
1. ALL VENT LINE SIZES SHOWN ARE MINIMUM UNLESS SHOWN LARGER ON RISER DIAGRAMS.  
2. SIZES SHOWN FOR WASTE ARE FOR RISERS ONLY.  
3. ALL DRAIN LINES BELOW SLAB SHALL BE 3" OR LARGER.  
4. VENT LINES SHALL RISER 6" ABOVE HORIZONTAL DRAIN PIPING BEFORE OFFSETTING HORIZONTALLY.  
5. PROVIDE CHROME PLATED WHEEL HANDLE ANGLE SUPPLIES, FLEXIBLE RISER HOSE(S), AND CHROME PLATED WALL ESCUTCHEON(S).

### KITCHEN EQUIPMENT SCHEDULE

(EQUIPMENT PROVIDED BY OWNER AND INSTALLED BY GC UNLESS NOTED OTHERWISE IN NOTES COLUMN)

MARK	DESCRIPTION	FAUCET/VALVE SELECTION		CONNECTION SIZES					NOTES	
		MANUFACTURER	MODEL	DIRECT WASTE	INDIRECT WASTE	VENT	COLD WATER	HOT WATER		FCW
30.1	PRE-RINSE FAUCET	T&S	B-0279	---	---	---	1/2"	1/2"	---	GC TO PROVIDE - 8" WALL MOUNT BIG-FLO PRE-RINSE FAUCET W/ INTEGRAL CHECK VALVES, BIG-FLO ADD-ON FAUCET, 1.15 GPM SPRAY VALVE, 14" SWING NOZZLE, 36" HOSE, B-0107 SPRAY VALVE & 12" WALL BRACKET.
30/30.2	3-COMPARTMENT SINK	T&S	B-0290	---	1-1/2"	---	1/2"	1/2"	---	GC TO PROVIDE FAUCET AND ACCESSORIES - 8" WALL MOUNT BIG-FLO FAUCET W/ INTEGRAL CHECK VALVES, 1.15 GPM SPRAY VALVE, 14" SWING NOZZLE
31	HAND SINK	---	---	1-1/2"	---	1-1/2"	1/2"	1/2"	---	WALL MOUNTING HARDWARE PROVIDED BY OWNER, HEAVY DUTY CHROME PLATED CAST BRASS P-TRAP W/ CLEANOUT PLUG, MCGUIRE 1110 SERIES 1 1/2" END OUTLET CONTINUOUS WASTE, NON-ADA 31" TO TOP OF RIM, ADA 34" TO TOP OF RIM, GC TO PROVIDE ASSE 1070 TMV SET TO 110 DEG F AND 0.5 GPM AERATOR
33/33.1	CHICKEN PREP SINK	T&S	B-2414-CR-SC	---	1-1/2"	---	1/2"	1/2"	---	GC TO PROVIDE FAUCET AND ACCESSORIES - 8" WALL MOUNT FAUCET WITH ETERNA CARTRIDGES W/ INTEGRAL CHECK VALVES, 8" SWING NOZZLE, B-PT STREAM REGULATOR OUTLET.
34	CARBONATOR	---	---	---	---	---	---	---	1/2" FCW	GC TO PROVIDE SHUT-OFF VALVE AND BACKFLOW PREVENTER (BP-1). NO COPPER DOWNSTREAM OF (BP-1) IS PERMITTED.
42	ICE MAKER	---	---	---	3/4"	---	---	---	1/2" FCW	GC TO PROVIDE SHUT-OFF VALVE. UNIT SHALL COMPLY WITH SECTION 5.28 OF NSF 12 AND BE EQUIPPED WITH AN INTERNAL AIR GAP AT LEAST TWICE THE DIAMETER OF THE WATER SUPPLY INLET NOT LESS THAN 1.0 INCH.
42.1	WATER FILTRATION SYSTEM	AERO	S-16	---	---	---	3/4"	---	3/4" FCW	GC TO PROVIDE SHUT-OFF VALVES FOR CW INLET AND (2) FILTERED WATER OUTLETS.
45	TEA BREWER	---	---	---	---	---	---	---	1/2" FCW	GC TO PROVIDE SHUT-OFF AND BACKFLOW PREVENTER (BP-1). REF SPECIALTY PLUMBING FIXTURE SCHEDULE.
48	ICE MAKER	---	---	---	3/4"	---	---	---	1/2" FCW	GC TO PROVIDE SHUT-OFF VALVE. UNIT SHALL COMPLY WITH SECTION 5.28 OF NSF 12 AND BE EQUIPPED WITH AN INTERNAL AIR GAP AT LEAST TWICE THE DIAMETER OF THE WATER SUPPLY INLET NOT LESS THAN 1.0 INCH.

NOTES:  
1. THIS SCHEDULE DOES NOT CONTAIN THE COMPLETE LIST OF KITCHEN EQUIPMENT REQUIRING PLUMBING CONNECTIONS. REFER TO KITCHEN PLANS FOR ADDITIONAL INFORMATION AND ROUGH-IN HEIGHTS.  
2. ALL VENT LINE SIZES SHOWN ARE MINIMUM UNLESS SHOWN LARGER ON RISER DIAGRAMS.  
3. SIZES SHOWN FOR WASTE ARE FOR RISERS ONLY.  
4. ALL DRAIN LINES BELOW SLAB SHALL BE 3" OR LARGER.  
5. VENT LINES SHALL RISER 6" ABOVE HORIZONTAL DRAIN PIPING BEFORE OFFSETTING HORIZONTALLY.  
6. PROVIDE CHROME PLATED WHEEL HANDLE ANGLE SUPPLIES, FLEXIBLE RISER HOSE(S), AND CHROME PLATED WALL ESCUTCHEON(S).

### DRAIN SCHEDULE

(PROVIDED & INSTALLED BY G.C.)

MARK	DESCRIPTION	MANUFACTURER	MODEL	WASTE	VENT	NOTES
DS	DOWNSPOUT NOZZLE	ZURN	ZANB169	4"	---	CAST NICKEL-BRONZE DOWNSPOUT NOZZLE W/ ESCUTCHEON / RING.
FD-1	FLOOR DRAIN	SIoux CHIEF	832-36PSR	3"	2"	8 1/2" ROUND TOP, PVC BODY WITH 304 STAINLESS STEEL RING AND STRAINER. PROVIDE TRAP PRIMER WHERE NOTED, REF PLUMBING DETAILS.
FD-2	FLOOR DRAIN	SIoux CHIEF	832-36PNR	3"	2"	8 1/2" ROUND TOP, PVC BODY WITH NICKEL BRONZE CONDENSATE FUNNEL, PROVIDE TRAP PRIMER WHERE NOTED, REF PLUMBING DETAILS.
FS	FLOOR SINK	SIoux CHIEF	861-3P	3"	2"	WHITE PVC 12" X 12" FLOOR SINK WITH 3/4" PVC OPEN HALF STRAINER (861-S1), SEDIMENT BUCKET, CAST IRON GRATE, ALUMINUM DOME BOTTOM STRAINER, AND NO HUB OUTLET.
OFD	OVERFLOW ROOF DRAIN	JR SMITH	1080	4"	---	CAST IRON BODY, FLASHING CLAMP, GRAVEL STOP, UNDERDECK CLAMP, SUMP RECEIVER, POLYETHYLENE DOME, AND 2" HIGH WATER DAM.
RD	ROOF DRAIN	JR SMITH	1010-CR	4"	---	CAST IRON BODY, FLASHING CLAMP, GRAVEL STOP, UNDERDECK CLAMP, SUMP RECEIVER, AND POLYETHYLENE DOME.
TD	TRENCH DRAIN	SIoux CHIEF	865	3"	2"	HIGH-DENSITY POLYETHYLENE TRENCH DRAIN. PROVIDE WITH GALVANIZED SLOTTED GRATE (865-GG) REFER TO DRAIN PLAN P.1.0 FOR LENGTH OF TRENCH.

### WATER HEATER SCHEDULE

(PROVIDED & INSTALLED BY G.C.)

MARK	MANUFACTURER	MODEL	# OF WATER HEATERS	FLOW RATE @ 80°F TEMP RISE	GAS HEAT INPUT (BTU/H)	ELECTRICAL DATA			NOTES
						V	PH	HZ	
WH-1	RINNAI	CX189N	2	9 GPM	398000	120	1	60	DUAL CU189N WALL MOUNT UNITS.

NOTES:  
1. PROVIDE WITH BRASS DRAIN VALVE, AUTOMATIC THERMOSTAT, AQUASTAT TEMPERATURE CONTROLLER, EXPANSION TANK (ET), NEUTRALIZING KIT, AND #MSB-M CONTROL KIT. PROVIDE WITH CONCENTRIC VENT KIT TO ROOF FOR EACH UNIT.  
2. SET WATER HEATER TO 140°F.  
3. INSTALL PER MANUFACTURERS RECOMMENDATIONS AND WARRANTY REQUIREMENTS.

### SPECIALTY PLUMBING FIXTURE SCHEDULE

(PROVIDED & INSTALLED BY G.C.)

MARK	DESCRIPTION	MANUFACTURER	MODEL	NOTES
BP-1	BACKFLOW PREVENTER	WATTS	SD-3	LEAD FREE COPPER CONSTRUCTION, SIZED PER LINE SIZE, ASSE 1022 COMPLIANT.
ET	EXPANSION TANK	AMTROL	ST-5	BRASS CONNECTION, WELDED STEEL CONSTRUCTION, POLYPROPYLENE LINER, BUTYL DIAPHRAGM, GROOVED DIAPHRAGM HOOP RINGS, WELDED AIR CHARGE FITTINGS.
FCO	FLOOR CLEANOUT	SIoux CHIEF	851	PVC ADAPTER BODY, ROUND TENZALLOY COVER, SLOTTED POLYPROPYLENE PLUG WITH THREADED BRASS INSERT, ADJUSTABLE TO FINISH SURFACE, CLEANOUT SHALL BE THE SAME SIZE AS THE PIPE BEING SERVED.
GRT	GREASE RECOVERY TANK	DARPRO	---	PROVIDED BY OWNER AND INSTALLED BY GC, PROVIDE HIGH TEMPERATURE THREAD SEALANT, PITCH HORIZONTAL PIPE ABOVE CEILING 1/8" PER FOOT FROM FRYER DOWN TOWARD TANK. CONSULT FRYER MANUFACTURER @ 501-920-5074 FOR MAXIMUM PIPE RUN.
RPZ	REDUCED PRESSURE BACKFLOW PREVENTER ASSEMBLY	WATTS	LF009-M2-QT	EQUAL TO LINE SIZE, REFER TO PLANS; WATTS BALL VALVES AND "Y" STRAINER, SHALL MEET APPROVAL BY FOUNDATION FOR CROSS CONNECTION CONTROL AND HYDRAULIC RESEARCH AT THE UNIVERSITY OF SOUTHERN CALIFORNIA.
TCO	TWO WAY CLEANOUT	SIoux CHIEF	834	SCHEDULE 40 HUB CONNECTION, DOUBLE-FLANGED HOUSING, AND HEAVY-DUTY SCORIATED DUCTILE IRON COVER, REFER TO PLANS AND RISERS FOR SIZES.
TMV	THERMOSTATIC MIXING VALVE	ZURN	6900-MV	HIGHFLOW SYSTEM, PROVIDE AT RESTROOMS AND HAND SINKS, NOT TO EXCEED 110°F, ASSE 1070 COMPLIANT.
TP	TRAP PRIMER	SIoux CHIEF	695-01	LEAD FREE, PROVIDE ALL BRONZE PRIMER VALVE WITH REMOVABLE OPERATING PARTS, INTEGRAL VACUUM BREAKER, AND GASKETED ACCESS COVER.
WHA	WATER HAMMER ARRESTOR	SIoux CHIEF	652-A	CONFORM TO PDI WH-201, ASSE 1010, TEMP TO 250°F, MAX 350 PSIG WORKING PRESSURE, SIZE PER MANUFACTURERS DATA

NOTES:  
1. INSTALL PER LOCAL CODES AND AHJ REQUIREMENTS.  
2. PROVIDE CHROME PLATED WHEEL HANDLE ANGLE SUPPLIES, FLEXIBLE RISER HOSE(S), AND CHROME PLATED WALL ESCUTCHEON(S).

### PUMP SCHEDULE

(PROVIDED & INSTALLED BY G.C.)

MARK	MANUFACTURER	MODEL	HP	ELECTRICAL DATA			GPM	HEAD	NOTES
				V	PH	HZ			
RP-1	TACO	005-SF2	0.029	120	1	60	3.0	8.00	STAINLESS STEEL BODY WITH NON-FERROUS IMPELLER.

### INTERCEPTOR SCHEDULE

(PROVIDED & INSTALLED BY G.C.)

MARK	MANUFACTURER	MODEL	TYPE	REMARKS
GI-1	PER LOCAL AHJ	PRECAST	GRAVITY INTERCEPTOR	PROVIDE AN APPROVED 1000 GALLON PRECAST GREASE INTERCEPTOR, CONTRACTOR TO SUBMIT PROPOSED INTERCEPTOR TO LOCAL AHJ FOR APPROVAL PRIOR TO BID.



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ENGINEER OF RECORD  
**PLUMBING SCHEDULES**

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24-10-30-24-Plumbing Schedules.dwg







KEYNOTES	
22.02	GAS PIPING UP THRU ROOF TO ROOF MOUNTED EQUIPMENT. SEAL ROOF PENETRATION WITH CODE APPROVED METHOD.



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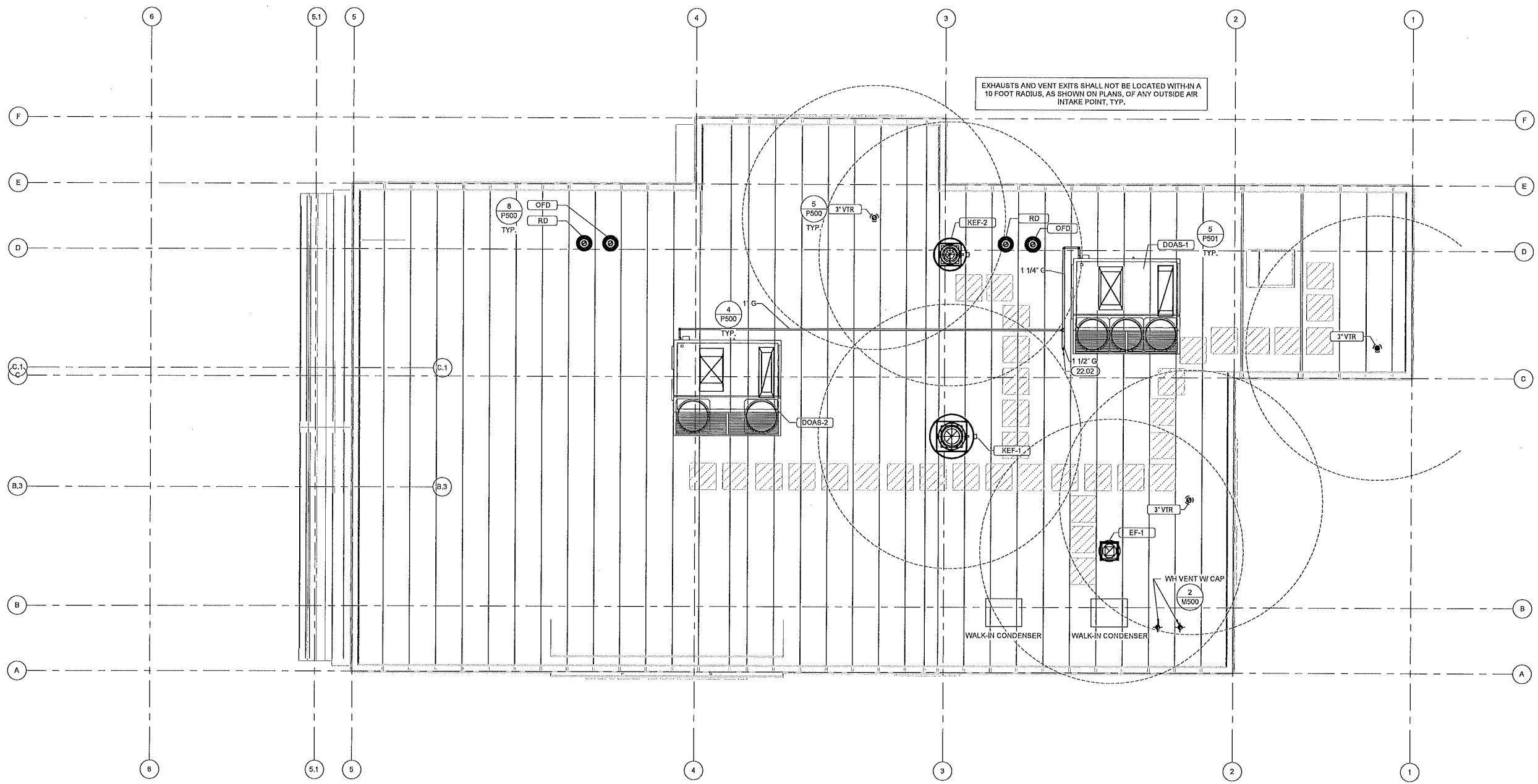
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PROTO: 01-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24



ENGINEER OF RECORD

HVAC ROOF PLAN

SHEET: M110



1 HVAC ROOF PLAN  
1/4" = 1'-0"



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 241110-HVAC ROOF PLAN



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**SLIM CHICKEN**  
14589 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253  
DATE: 10/30/24

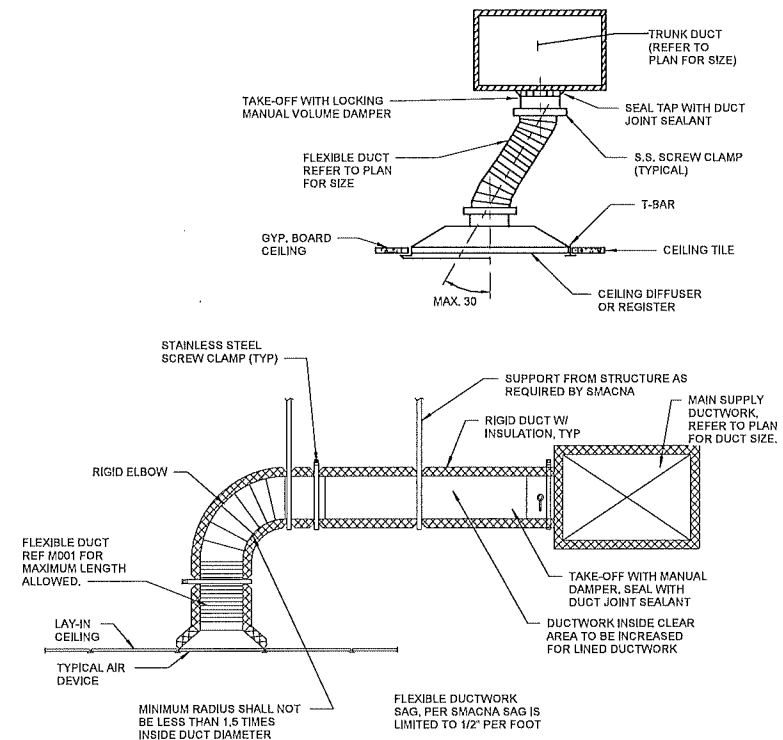
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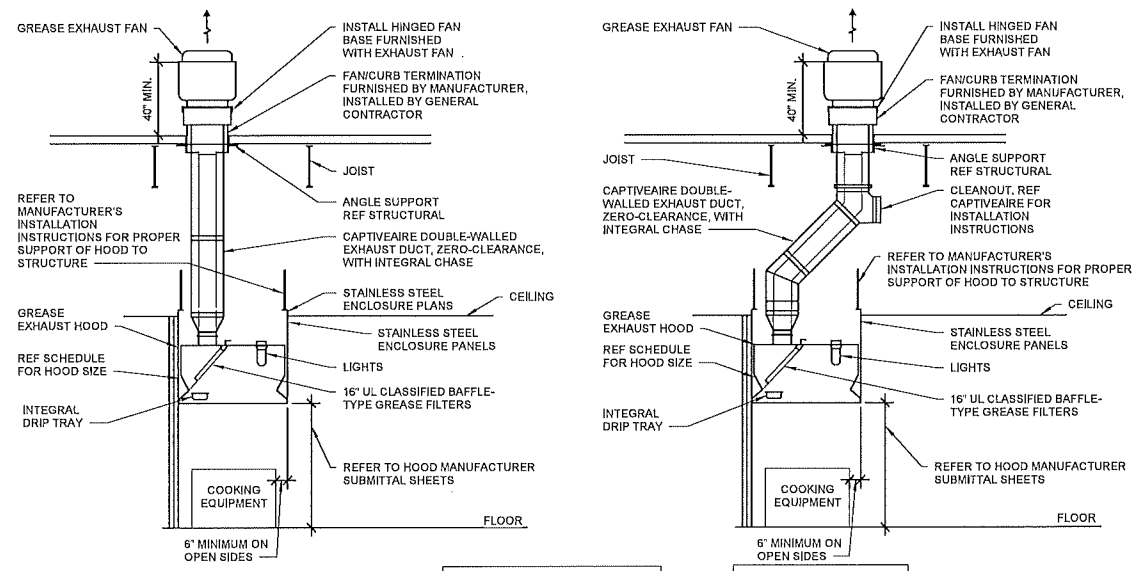


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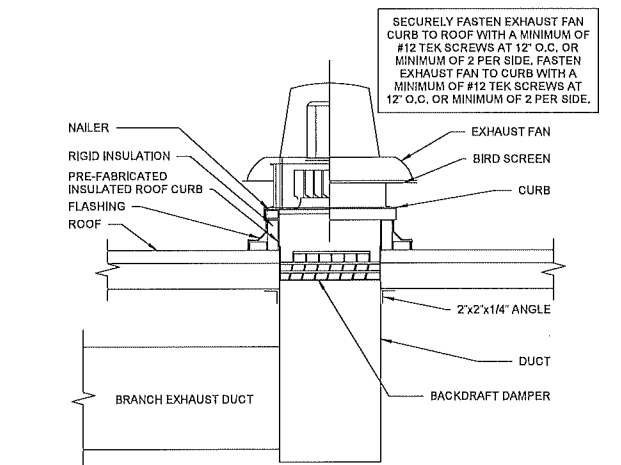
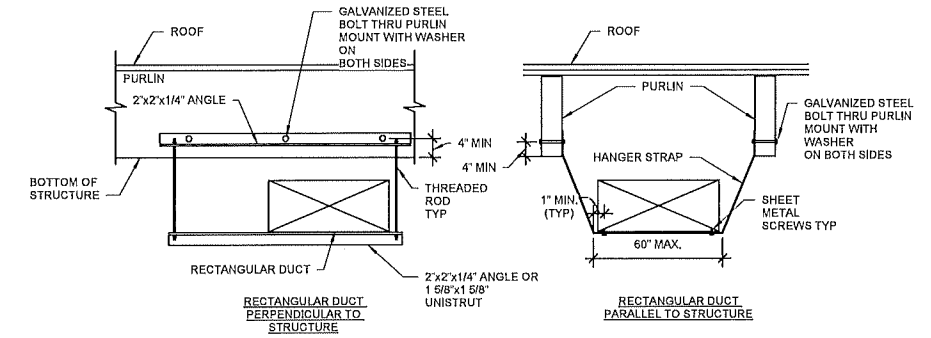


**7 DIFFUSER CONNECTION DETAIL**  
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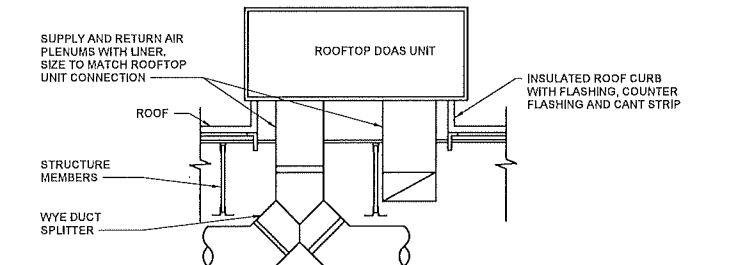


NOTE: TOTAL EXHAUST HOOD SYSTEM TO BE IN COMPLETE CONFORMANCE WITH NFPA-96, UL300 AND ALL LOCAL CODE REGULATIONS.

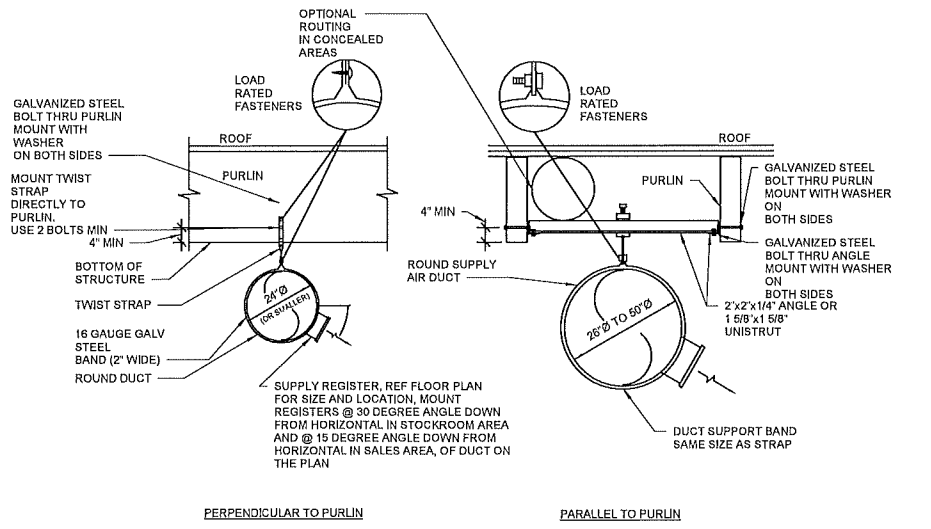
**8 GENERAL EXHAUST HOOD & OFFSET**  
NTS



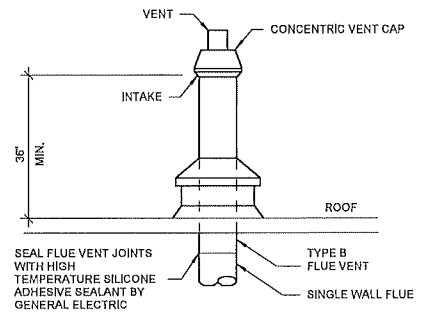
**6 EXHAUST FAN DETAIL**  
NTS



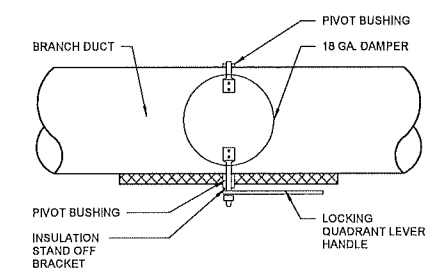
**5 DOAS DUCTWORK DETAIL**  
NTS



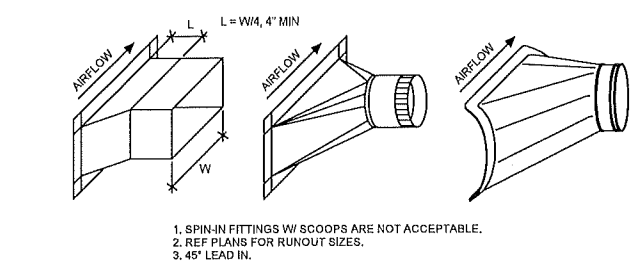
**1 DUCT SUPPORT AND GRILLE**  
NTS



**2 WATER HEATER VENT**  
NTS



**3 MANUAL DAMPER**  
NTS



**4 BRANCH DUCT FITTING**  
NTS

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DOAS UNIT SCHEDULE - FOR REFERENCE ONLY

(REFER TO CAPTIVEAIRE DRAWINGS FOR MORE INFORMATION) (DOAS UNITS PROVIDED BY OWNER AND INSTALLED BY G.C.)

MARK	AREA SERVED	BASIS OF DESIGN		NOMINAL CAPACITY (TONS)	FAN			DIRECT EXPANSION COOLING				GAS HEATING			ELECTRICAL DATA				WEIGHT (LBS)	NOTES				
		MANUFACTURER	MODEL		SUPPLY AIRFLOW (CFM)	OUTSIDE AIRFLOW (CFM)	EXT. SP (IN. WG)	NOM. MOTOR HP	ENTERING AIR		LEAVING AIR		TOT. CAPACITY (Btu/h)	SENS. CAPACITY (Btu/h)	IEER	INPUT (Btu/h)	OUTPUT (Btu/h)	EFFICIENCY (%)			VOLTS	PHASE	MCA (AMPS)	MOCP (AMPS)
									DB (°F)	WB (°F)	DB (°F)	WB (°F)												
DOAS-1	KITCHEN	CaptiveAire	CASHVAC3	17.5	3900	2014	1.00	5	87.5	68.6	60.8	49.9	223300	156600	18.2	22970	186276	81	208	3	84.7	90	2903	1-11
DOAS-2	DINING	CaptiveAire	CASHVAC3	12.5	3300	900	1.00	5	81.4	65.5	52.3	49.7	148700	111000	21.3	196256	158967	81	208	3	61.2	70	2520	1-11

- NOTES:
- PROVIDE 2" MERV 8 FILTERS WITH EACH UNIT.
  - SMOKE DETECTORS TO BE PROVIDED AND INSTALLED BY CONTRACTOR. MOUNT IN RETURN AIR DUCT. WIRE TO SHUTDOWN UNIT UPON DETECTION. FINAL LOCATION TO BE BY FIRE ALARM CONTRACTOR.
  - CONDENSATE TRAP SHALL BE PROVIDED AND INSTALLED BY CONTRACTOR. PROVIDE TRAP OF ADEQUATE DEPTH TO PREVENT STATIC FROM OVERCOMING TRAP SEAL. ROUTE TO NEAREST APPROVED RECEPTOR PER LOCAL A.H.J.
  - PROVIDE WITH STANDARD 7-DAY PROGRAMMABLE THERMOSTAT AND REMOTE SENSOR KIT. THERMOSTAT SHALL HAVE A MINIMUM 5°F DEADBAND. MOUNT SENSORS AT 60" A.F.F.
  - PROVIDE WITH FACTORY STANDARD 14" ROOF CURB.
  - PROVIDE LOW AMBIENT TO 15°F VIA MICROPROCESSOR CONTROL PROGRAMMING FOR BOTH DOAS.
  - PROVIDE WITH FACTORY MANUFACTURED HAIL GUARDS.
  - INTERLOCK THE DOAS SMOKE DETECTOR WITH FIRE ALARM SYSTEM.
  - PROVIDE WITH FACTORY MOUNTED DISCONNECT SWITCH AND CONVENIENCE RECEPTACLE.
  - SINGLE POINT ELECTRICAL CONNECTION.
  - REFER TO CAPTIVEAIRE DRAWINGS FOR DETAILED INFORMATION AND ACCESSORIES.

CAPTIVEAIRE EXHAUST HOOD SYSTEM SCHEDULE

(HOOD PACKAGE PROVIDED AND INSTALLED BY G.C.)

KITCHEN EXHAUST HOOD										KITCHEN EXHAUST FAN									
Mark	AREA SERVED	MODEL	CAPTURE LENGTH	CAPTURE WIDTH	HEIGHT	WEIGHT	DUCT SIZE	AIR FLOW	MARK	MODEL	AIR FLOW	ESP	H.P.	B.H.P.	Phase	Volt	FLA	Weight	
KH-1	FRYER	5424 ND-2	8'-0"	4'-6"	2'-0"	898 lb	14"	1800 CFM	KEF-1	DUSHFA	1800 CFM	1.25 in-wg	0.750 hp	0.584 hp	1	115 V	8.9 A	131 lb	
KH-2	GRIDDLE	3044 BD-2	4'-0"	2'-6"	2'-0"	211 lb	8"	600 CFM	KEF-2	DU33HFA	600 CFM	0.75 in-wg	0.333 hp	0.179 hp	1	115 V	4.3 A	105 lb	

HOOD OPTIONS	
KH-1	FIELD WRAPPER - 12.00' HIGH FRONT, LEFT, RIGHT BACKSPLASH 114.00' HIGH X 272.50' LONG 430 SS VERTICAL BACKSPLASH 114.00' HIGH X 222.50' LONG 430 SS VERTICAL BACKSPLASH 114.00' HIGH X 47.50' LONG 430 SS VERTICAL LEFT END STANDOFF (FINISHED) 3" WIDE 54" LONG INSULATED BACKSPLASH - INSIDE CORNER 80.00' HIGH X 2.00' LEG LENGTH 430 SS VERTICAL BACKSPLASH - INSIDE CORNER 114.00' HIGH X 2.00' LEG LENGTH 430 SS VERTICAL BACKSPLASH - INSIDE CORNER 114.00' HIGH X 2.00' LEG LENGTH 430 SS VERTICAL BACKSPLASH - OUTSIDE CORNER 114.00' HIGH X 2.00' LEG LENGTH 430 SS VERTICAL RIGHT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS INSULATION FOR TOP OF HOOD STRUCTURAL FRONT PANEL INSULATION FOR BACK OF HOOD SENSOR-CV LEFT WALL AS END PANEL
KH-2	FIELD WRAPPER - 26.00' High - Front, Left, Right RIGHT QUARTER END PANEL - 20" Top Width, 0" Bottom Width, 20" High - 430 SS LEFT QUARTER END PANEL - 20" Top Width, 0" Bottom Width, 20" High - 430 SS INSULATION FOR TOP OF HOOD INSULATION FOR BACK OF HOOD SENSOR-CV

GENERAL INFORMATION (ALL UNITS AS APPLICABLE)	
1	REFER TO CAPTIVEAIRE SHEETS FOR MORE INFORMATION, DETAILS, AND ACCESSORIES.
2	HOOD FURNISHED WITH INTEGRAL DRIP TRAY, LIGHTS, STAINLESS STEEL U.L. LISTED GREASE FILTERS, PRE-WIRED CONTROL PANEL, ROOM TEMPERATURE SENSOR, STAINLESS STEEL ENCLOSURE PANELS UP TO CEILING, AND FACTORY-INSTALLED INSULATED STANDOFFS (AS REQUIRED).
3	FIRE SUPPRESSION SYSTEM FOR HOOD SHALL BE ANSUL WET CHEMICAL TYPE FIRE EXTINGUISHING SYSTEM CONTAINED IN A STAINLESS STEEL COMPARTMENT LOCATED AT END OF HOOD UNLESS NOTED OTHERWISE ON PLANS AND SCHEDULE.
4	EXHAUST FAN SHALL BE DIRECT DRIVE WITH FACTORY PRE-WIRED FAN SPEED CONTROLLER (UNLESS NOTED OTHERWISE), UP BLAST & U.L. APPROVED FOR GREASE EXHAUST, WITH DISCHARGE MINIMUM 40' ABOVE ROOF. FANS HAVE BEEN SELECTED TO ALLOW FOR THE USE OF A MAXIMUM OF TWO ADDITIONAL 45-DEGREE ELBOWS IN THE GREASE EXHAUST DUCTWORK THAT ARE NOT SHOWN ON THE DRAWINGS. CONTACT THE ENGINEER OF RECORD IF ADDITIONAL DUCT OFFSETS ARE REQUIRED BY SITE CONDITIONS.
5	EXHAUST FAN ROOF CURBS FURNISHED WITH EQUIPMENT.
6	ANSUL COMPARTMENT CONTROLS SHALL BE INTERLOCKED TO SHUT DOWN THE HVAC UNIT SERVING THE SPACE UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM.
7	UPON ACTIVATION OF THE FIRE SUPPRESSION SYSTEM, THE HOOD EXHAUST FAN SHALL CONTINUE TO RUN.
8	HOODS SHALL BE FURNISHED WITH BACKSPASHES AND SIDESPLASHES AS APPLICABLE.
9	HOODS SHALL BE FURNISHED WITH DUCT TEMPERATURE SENSOR FOR AUTOMATIC HOOD EXHAUST FAN ACTIVATION.
CODE COMPLIANCE:	
1	EXHAUST HOODS ARE DESIGNED AND MANUFACTURED IN COMPLIANCE WITH NFPA 96. THE MECHANICAL CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED EXHAUST HOOD TESTING AND PERMITS REQUIRED BY THE AUTHORITY HAVING JURISDICTION. CONTACT HOOD MANUFACTURER AND OWNER IF ADDITIONAL DRAWINGS ARE REQUIRED BY THE AUTHORITY HAVING JURISDICTION. HOODS ARE TESTED AND LISTED BY ETL (FILE 3054904-001). ALL HOODS BEAR THE ETL LABEL.
2	EXHAUST FANS ARE DESIGNED AND MANUFACTURED IN COMPLIANCE WITH NFPA 96. FANS ARE TESTED AND LISTED IN ACCORDANCE WITH UL 705 AND UL 762. ALL BEAR THE UL LABEL.
3	EXHAUST HOOD FIRE SUPPRESSION SYSTEMS ARE DESIGNED AND MANUFACTURED IN COMPLIANCE WITH NFPA 17A AND NFPA 96. FIRE SUPPRESSION SYSTEMS ARE TESTED AND LISTED IN ACCORDANCE WITH UL 300. THE HOOD VENDOR IS RESPONSIBLE FOR ALL REQUIRED FIRE SUPPRESSION SYSTEM ACTIVATION, TESTING AND PERMITS.

MINI SPLIT HEAT PUMP SCHEDULE

MARK	AREA SERVED	MANUFACTURER	MODEL	SUPPLY AIR (CFM)	COOLING (Btu/h)	SEER	HEATING (Btu/h)	VOLTAGE	PHASE	MCA	MOCP	WEIGHT (LB)	NOTES
AHU-1/GU-1	DUMPSTER STORAGE	SAMSUNG	AR09TSFABWKNKV	392	9000	24.5	11000	208	1	12	20	23	A-F

NOTES:

- ELECTRICIAN TO PROVIDE NON-FUSED DISCONNECT.
- MECHANICAL TO PROVIDE AND INSTALL REFRIGERANT PIPING PER MFR RECOMMENDATIONS.
- PROVIDE WITH ADEQUATE REFRIGERANT LINE SET. FIELD VERIFY DISTANCE FROM WHERE CONDENSER IS TO BE SET TO AIR HANDLER LOCATION PRIOR TO ORDERING.
- IT IS PREFERRED CONDENSING UNIT IS WALL MOUNTED TO EXTERIOR WALL. PROVIDE WITH WALL BRACKET FOR OUTDOOR UNIT (CKN-250).
- PROVIDE WITH 7-DAY PROGRAMMABLE THERMOSTAT.
- DISCHARGE CONDENSATE DRAIN TO GREENSPACE.

AIR DEVICE SCHEDULE

(GC PROVIDED UNLESS NOTED OTHERWISE, GC INSTALLED)

TYPE	SERVICE	MANUFACTURER	MODEL	STYLE	MATERIAL	MOUNTING	FACE SIZE	NOTES
CD-1	SUPPLY	TITUS	TMS-AA	3-CONE DIFFUSER	ALUMINUM	TYPE 3 (LAY-IN)	12x12	E, F
CD-2	SUPPLY	TITUS	PAS-AA	PERFORATED DIFFUSER WITH FACE MOUNTED DEFLECTORS	ALUMINUM	TYPE 3 (LAY-IN)	24x24	E, F
CD-3	SUPPLY	TITUS	PAS-AA	PERFORATED DIFFUSER WITH FACE MOUNTED DEFLECTORS	ALUMINUM	TYPE 1 (SURFACE)	12x12	E, F
CD-4	SUPPLY	TITUS	FL-10	ARCHITECTURAL LINEAR SLOT DIFFUSER, 1-SLOT	ALUMINUM	TYPE 1 (SURFACE)	48x4	A, C, D, E
CD-5	SUPPLY	CAPTIVEAIRE	DI-PSP	PERFORATED DIFFUSER	STAINLESS STEEL	TYPE 3 (LAY-IN)	24x24	E, F
EG-1	EXHAUST	TITUS	50F	1/2"x1/2"x1/2" EGGRATE GRID.	ALUMINUM	TYPE 1 (SURFACE)	12x12	E
RG-1	RETURN	TITUS	50F	1/2"x1/2"x1/2" EGGRATE GRID.	ALUMINUM	TYPE 3 (LAY-IN)	24x24	B, E, G
SD-1	SUPPLY	TITUS	300FL	LOUVERED DOUBLE DEFLECTION GRILLE	ALUMINUM	TYPE 1 (SURFACE)	20X12	A

NOTES: (REFERENCE ARCH PLANS FOR COLOR SPECIFICATIONS)

- PROVIDE OPPOSED BLADE DAMPER
- PROVIDE DUCT CONNECTION BOX
- PROVIDE MANUFACTURERS INSULATED PLENUM.
- PROVIDE BOWDEN CABLE SYSTEM 'BCDR' DAMPER OPERATOR.
- NECK SIZE TO BE SAME AS DUCT SIZE UNLESS NOTED OTHERWISE.
- PROVIDE WITH INSULATED BACK PANEL.
- HINGED ACCESS.

VENTILATION CALCULATION

ROOM NAME	ROOM NUMBER	OCCUPANCY CATEGORY	AREA (SF)	# OF PEOPLE	OA PER AREA (CFM/SF)	OA PER PERSON (CFM/PERS ON)	OUTSIDE AIR (CFM)
ENTRY	101	Lobby	109	15.1	0.06	5	82
DINING	102	Dining Area	864	59.2	0.18	8	577
CASHIER	103	Sales	112	1.6	0.12	8	25
DRIVE-THRU	105	Food Preparation	247	4.8	0.18	8	79
KITCHEN	106	Kitchen (Fast Food)	470	8.7	0.18	8	150
PREP	107	Food Preparation	196	3.6	0.18	8	63
OFFICE	108	Office - Enclosed	232	1.1	0.06	5	19
HALLWAY	109	Corridor/Transition	62	0.6	0.06	0	4
RESTROOM	110	Restrooms	108	1.0	0.00	0	0
RESTROOM	111	Restrooms	108	1.0	0.00	0	0
TOTAL = 999 CFM							

Ez = 0.8 (WARM AIR CEILING SUPPLY & CEILING RETURN)    Voz = Vz / Ez, Voz = 1,250 CFM  
TOTAL OSA PROVIDED 2,914 CFM > TOTAL REQUIRED OSA 1,250 CFM

AIR BALANCE SCHEDULE

MARK	SUPPLY AIR CFM	OUTSIDE AIR CFM	EXHAUST AIR CFM
DOAS-1	3800	2014	
DOAS-2	3300	900	
KEF-1			1800
KEF-2			600
EF-1			150
TOTAL		2914	2550
	TOTAL POSITIVE=	384	

EXHAUST FAN SCHEDULE

(GC PROVIDED & INSTALLED)

MARK	AREA SERVED	MANUFACTURER	MODEL	DESIGN AIRFLOW	EXT. S.P.	VOLTS	PHASE	POWER	DRIVE	WEIGHT	NOTES
EF-1	RESTROOMS	GREENHECK	G-070-G	150 CFM	0.20 in-wg	115	1	0.017 hp	DIRECT	15 lbf	A, B, C

NOTES: (EQUAL ALTERNATIVES ALLOWED. ALTERNATIVES MUST MEET SAME PERFORMANCE AND WARRANTY SPECS.)

- FURNISH WITH FACTORY MOUNTED DISCONNECT.
- FURNISH WITH GRAVITY BACKDRAFT DAMPER AND BIRDSCREEN.
- PROVIDE ROOF CURB.



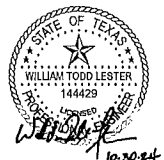
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SUITE 200  
TULSA, OK 74119  
918.877.6000

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10/30/24  
DATE: \_\_\_\_\_  
14583 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253

ISSUE BLOCK	

CHECKED BY: WTL  
DRAWN BY: MSB  
DOCUMENT DATE: 10/30/24  
PROTO: Q1-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24




ENGINEER OF RECORD  
MECHANICAL SCHEDULES

SHEET:  
M600

**HOOD INFORMATION - JOB#7041577**

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)				HOOD CONSTRUCTION	HOOD CONFIG		
										WIDTH	LENG	HEIGHT	DIA		CFM	VEL	SP
1	KH-1 (Fryer)	5424 ND-2	CAPTIVEAIRE	8' 0"	600 DEG	I	HEAVY	225	1800	4'	14'	1000	1684	-0.930"	430 SS WHERE EXPOSED	ALONE	ALONE
2	KH-2 (Griddle)	3044 BD-2	CAPTIVEAIRE	4' 0"	600 DEG	I	HEAVY	150	600	4'	8'	600	1719	-0.568"	430 SS WHERE EXPOSED	ALONE	ALONE

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH



NFPA #96  
UL 710 & ULC710 STANDARDS  
E.T.L. LISTED 3054804-001

FOR SITE SPECIFIC SELECTIONS, QUESTIONS, OR PRICING, CALL OR EMAIL JOSH FERGUSON AT:  
ARKANSAS MECHANICAL OFFICE  
FAYETTEVILLE, ARKANSAS  
PHONE: (501) 500-5450 EMAIL: REG146@CAPTIVEAIRE.COM

**HOOD INFORMATION**

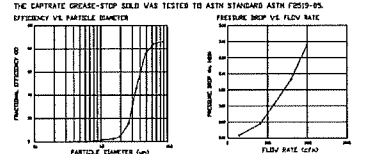
HOOD NO	TAG	TYPE	FILTER(S)		EFFICIENCY @ 7 MICRONS	QTY	LIGHT(S)		WIRE GUARD	LOCATION	SIZE	UTILITY CABINET(S)		ELECTRICAL	SWITCHES	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
			QTY	HEIGHT			LENGTH	TYPE				SIZE	MODEL #				
1	KH-1 (Fryer)	CAPTRATE SOLID FILTER	5	16"	16"	85% SEE FILTER SPEC	2	RECESSED ROUND	NO	RIGHT	12"x54"x24"	TANK FS	4.0/4.0/4.0	SC-320110HA	1 LIGHT 1 FAN	YES	898 LBS
2	KH-2 (Griddle)	CAPTRATE SOLID FILTER	2	16"	20"	85% SEE FILTER SPEC	1	RECESSED ROUND	NO							YES	211 LBS

**HOOD OPTIONS**

HOOD NO	TAG	OPTION
1	KH-1 (Fryer)	FIELD WRAPPER 12.00' HIGH FRONT, LEFT, RIGHT.
		BACKSPLASH 114.00' HIGH X 271.00' LONG 430 SS VERTICAL.
		BACKSPLASH 114.00' HIGH X 222.50' LONG 430 SS VERTICAL.
		BACKSPLASH 114.00' HIGH X 47.50' LONG 430 SS VERTICAL.
		BACKSPLASH - INSIDE CORNER 80.00' HIGH X 2.00' LEG LENGTH 430 SS VERTICAL.
		BACKSPLASH - INSIDE CORNER 114.00' HIGH X 2.00' LEG LENGTH 430 SS VERTICAL.
		BACKSPLASH - INSIDE CORNER 114.00' HIGH X 2.00' LEG LENGTH 430 SS VERTICAL.
		BACKSPLASH - INSIDE CORNER 114.00' HIGH X 2.00' LEG LENGTH 430 SS VERTICAL.
		BACKSPLASH - OUTSIDE CORNER 114.00' HIGH X 2.00' LEG LENGTH 430 SS VERTICAL.
		RIGHT QUARTER END PANEL 23' TOP WIDTH, 0' BOTTOM WIDTH, 23' HIGH 430 SS.
2	KH-2 (Griddle)	FIELD WRAPPER 26.00' HIGH FRONT, LEFT, RIGHT.
		RIGHT QUARTER END PANEL 20' TOP WIDTH, 0' BOTTOM WIDTH, 20' HIGH 430 SS.
		LEFT QUARTER END PANEL 20' TOP WIDTH, 0' BOTTOM WIDTH, 20' HIGH 430 SS.
		INSULATION FOR TOP OF HOOD.
		INSULATION FOR BACK OF HOOD.
		SENSOR-CV.
		INSULATION FOR TOP OF HOOD.
		INSULATION FOR BACK OF HOOD.
		SENSOR-CV.
		INSULATION FOR TOP OF HOOD.

**SPECIFICATION: CAPTRATE® GREASE-STOP® SOLID FILTER**

THE CAPTRATE GREASE-STOP SOLID FILTER IS A SINGLE-STAGE FILTER FEATURING A UNIQUE 3-BATTLE DESIGN IN COMBINATION WITH A SLOTTED REAR BATTLE DESIGN TO DELIVER EXCEPTIONAL FATTENING EFFICIENCY. FILTER IS STAINLESS STEEL CONSTRUCTION, AND SIZED TO FIT INTO STANDARD FUSION DROP HOOD CHANNELS.

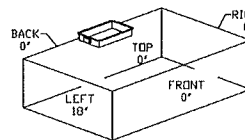


CAPTIVEAIRE FILTERS ARE BUILT IN COMPLIANCE WITH NFPA 96, UL STANDARD 710, UL STANDARD 710A, AND UL STANDARD 710B.

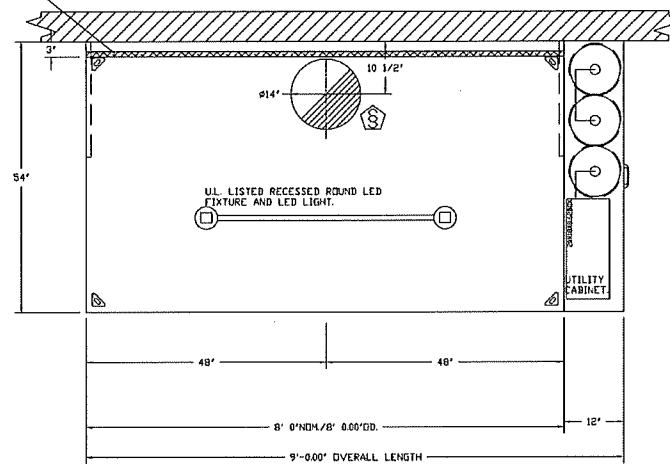
**GENERAL NOTES:**

- ELECTRICAL HOOK-UP TO CAPTIVEAIRE CONTROLS (MOTOR STARTERS, FAN SWITCHES, DUCT STATS, FAN DISCONNECTS, RELAYS, ETC.) BY OTHERS.
- FIRE CHASE BY OTHERS, IF REQUIRED.
- ALL PHASES OF INSTALLATION SHALL COMPLY WITH NFPA 96.
- WRITTEN MEASUREMENTS HAVE PRECEDENCE OVER SCALE.
- PROVIDE CLEANDOUTS IN EXHAUST AIR DUCTS AS INDICATED TO ALLOW CLEANING AT ALL BENDS AND HORIZONTAL RUNS.
- EXHAUST DUCT TO BE CAPTIVEAIRE SINGLE WALL WITH 2 LAYERS OF FIRE WRAP OR DOUBLE WALL MODEL R2, R3, OR Z3 PREFABRICATED GREASE DUCT. ALTERNATIVELY, FIELD FABRICATED WELDED GREASE DUCT WITH 2 LAYERS OF FIRE WRAP IS ACCEPTABLE AS LONG AS DUCT AS BUILT WITHOUT SHARP BENDS OR ANY FEATURES THAT CAUSE EXCESSIVE STATIC PRESSURE OR SYSTEM EFFECT.
- FAN TO HAVE A MINIMUM OF 10 FT. OF CLEARANCE FROM THE OUTLET TO ADJACENT BUILDINGS, PROPERTY LINES, AIR INTAKES OR 3 FT. VERTICAL CLEARANCE PER NFPA96.
- HORIZONTAL EXHAUST DUCT TO SLOPE NOT LESS THAN 1/4" PER FOOT TOWARD HOOD FOR DUCT LESS THAN 75' LONG.
- 1" PER FOOT SLOPE FOR DUCT LONGER THAN 75'.
- HOOD TO OVERHANG COOKING EQUIPMENT 6" ON ALL OPEN SIDES.
- EXHAUST DUCT TO BE PROTECTED FROM COMBUSTIBLES PER NFPA96 AND LOCAL CODE.
- BUILDING PRESSURE SHALL NOT EXCEED 0.02" WATER COLUMN AT EXTERIOR DOORS.
- KITCHEN SHALL BE BALANCED TO BE NEGATIVE WITH RESPECT TO THE DINING ROOM.

**Clearance to combustibles - Hood 1**

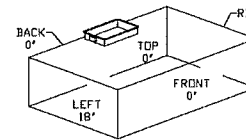


1" LAYER OF INSULATION FACTORY INSTALLED IN INTERNAL BACK STANDOFF. MEETS 6 INCH REQUIREMENTS FOR CLEARANCE TO COMBUSTIBLE SURFACES.

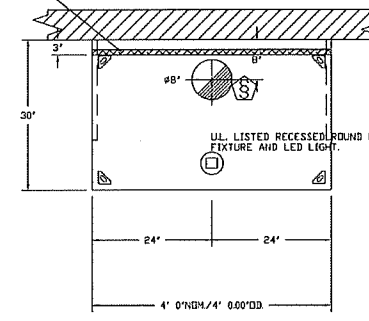


**PLAN VIEW - HOOD #1 (KH-1 (Fryer))**  
8' 0.00" LONG 5424ND-2

**Clearance to combustibles - Hood 2**

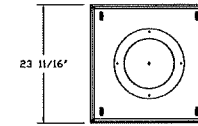


1" LAYER OF INSULATION FACTORY INSTALLED IN BACK STANDOFF. MEETS 6 INCH REQUIREMENTS FOR CLEARANCE TO COMBUSTIBLE SURFACES.

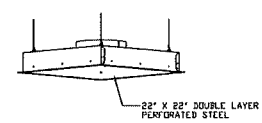
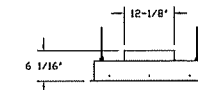


**PLAN VIEW - HOOD #2 (KH-2 (Griddle))**  
4' 0.00" LONG 3044BD-2

**DROP-IN PERFORATED SUPPLY PLENUM DIFFUSER (DI-PSP)**



FEATURES:  
STAINLESS STEEL PERFORATION AND TRIM  
REMOVABLE PERFORATION FOR PLENUM CLEANING  
DOUBLE PERFORATION FOR EVEN AIR DISTRIBUTION  
1/2" THICK INSULATION ON EXTERIOR TOP AND SIDES  
APPROX. WEIGHT = 25 LBS



CFM	T130	T130	T130
600	1.25	3.00	7.75
500	0.90	2.30	4.85
400	---	1.85	4.50
300	---	---	3.75
200	---	---	2.50

INSTALLATION NOTES:  
INTENDED FOR INSTALLATION IN LAY-IN (DROP) CEILING  
INSTALL SLIDING RADIAL DAMPER ON TOP SIDE OF COLLAR

**REVISIONS**

NO.	DESCRIPTION	DATE

**Arkansas Mechanical**  
www.captiveaire.com

PO Box 1942, Farmington, AR 72730 PHONE: (501) 500-5450 FAX: 5017106670 EMAIL: reg146@captiveaire.com

**Slm Chickens - FARS2\_L**  
San Antonio, TX (Potranco)

DATE: 9/12/2024  
DWG.#: 7041577  
DRAWN BY: Josh I 146  
SCALE: 3/4" = 1'-0"  
MASTER DRAWING

**SHEET NO. 1**

**CYNTERGY**  
810 S CINCINNATI AVE  
SUITE 200  
TULSA, OK 74119  
918.877.6000

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10/30/24  
DATE: 10/30/24

**Slm Chickens**  
14583 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253

**ISSUE BLOCK**

NO.	DESCRIPTION	DATE

CHECKED BY:  
DRAWN BY:  
DOCUMENT DATE: 10/30/24  
PROTO: 01-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24

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ENGINEER OF RECORD  
**MECHANICAL HOOD SHEET**

SHEET: **MH101**



**FIRE SYSTEM INFORMATION - JOB#7041577**

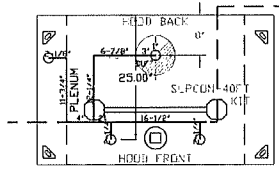
FIRE SYSTEM NO	TAG	TYPE	SIZE	MAX FP	DESIGN FP	INSTALLATION	
						SYSTEM	LOCATION ON HOOD
1		TANK FS	4.0/4.0/4.0	60	44	FIRE CABINET RIGHT	RIGHT, HOOD 1

**GAS VALVE(S)**

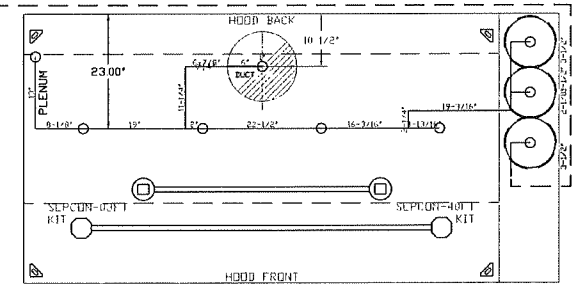
FIRE SYSTEM NO	TAG	TYPE	SIZE	SUPPLIED BY
1		SC ELECTRICAL	2.000	CAPTIVE/VAIRE SYSTEMS

**FIRE SYSTEM PARTS LIST KEY**

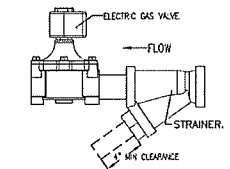
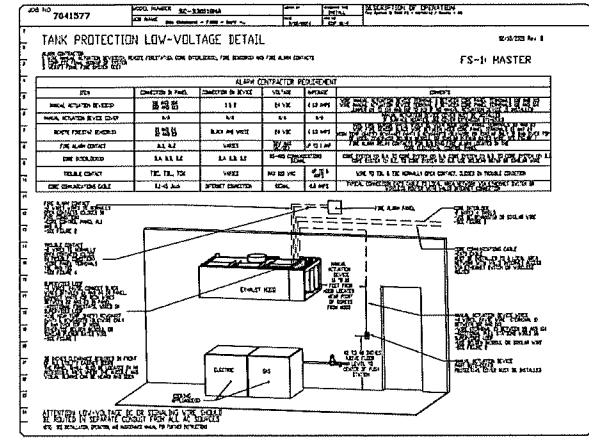
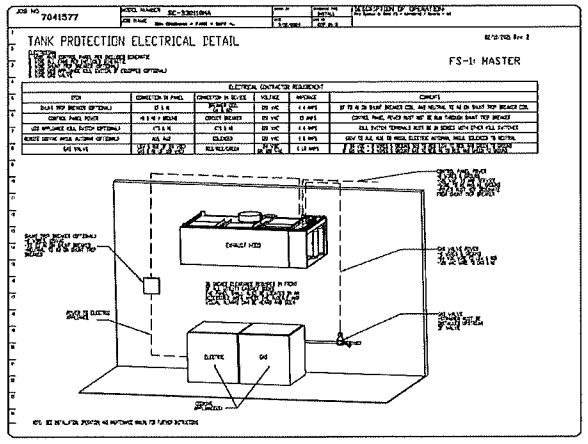
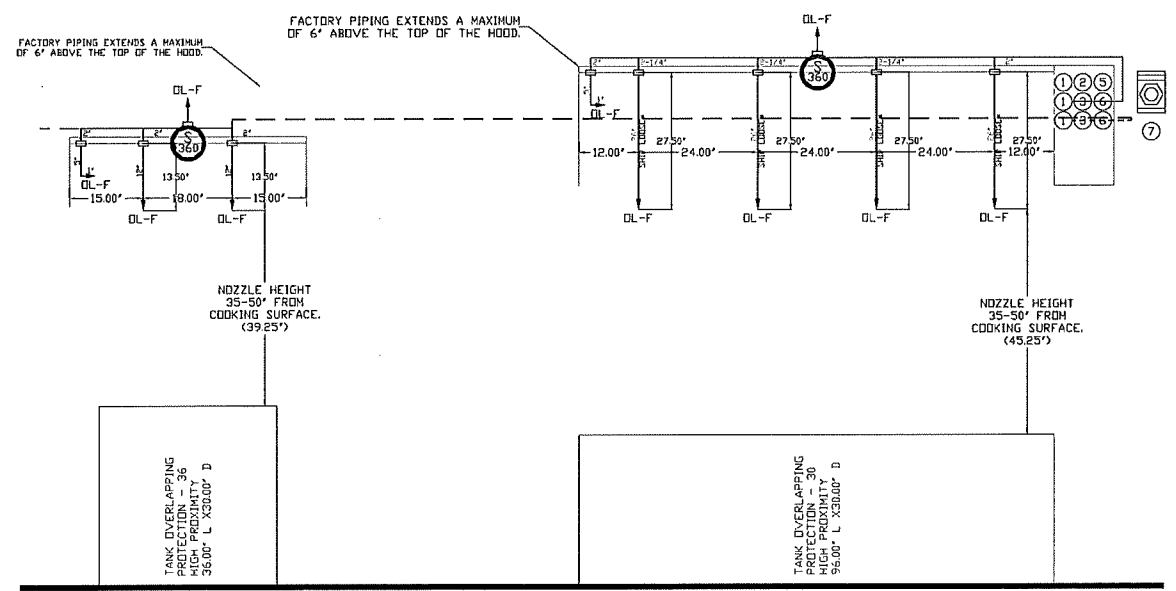
FIRE SYSTEM NO	TAG	KEY NUMBER - PART DESCRIPTION	QTY BY FACTORY	QTY BY DIST
0	0	TANK FIRE SUPPRESSION POST-DISCHARGE PROCEDURE UTILITY CABINET LABEL SHEET.	1	0
0	0	TANK FIRE SUPPRESSION MAINTENANCE GUIDE UTILITY CABINET LABEL SHEET.	1	0
0	0	12-F8002-32144-01-360 BUXT FIRE THERMOSTAT WITH 12 FOOT WIRE LEADS. NO. CLOSE ON TEMP RISE AT 260°F. (46234310).	2	0
0	0	4429K153 1/2" MALE NPT TO 1/2" FEMALE NPT ELBOW, BRASS.	3	0
0	0	4429K422 1/2" X 1/4" BRASS REDUCING BUSHING.	2	0
0	0	7952S 1/2" 93 PRO-PRESS ELBOW WITH 1/2" NPT FEMALE CONNECTION, VIEGA.	2	0
0	0	7952S 1/2" X 1/2" PRO-PRESS TEE X 1/2" NPT FEMALE CONNECTION, VIEGA.	3	0
0	0	67-120042-001 SECONDARY ACTUATOR VALVE (SVA) - SINGLE ACTUATOR, REQUIRES PRIMARY RELEASE ACTUATOR, TANK FIRE SUPPRESSION.	2	0
0	0	67-120045-001 NOSE, SECONDARY ACTUATOR HOSE, 75' BRAIDED STAINLESS STEEL, TANK FIRE SUPPRESSION.	2	0
0	0	67-30001-001 TANK - PRESSURIZED TANK USED FOR TANK FIRE SUPPRESSION.	3	0
0	0	67-30003-001 PRIMARY ACTUATOR KIT (PAK) - ACTUATOR AND RELEASE SOLENOID ASSEMBLY, ONE NEEDED PER FIRE SYSTEM, SUPERVISED, TANK FIRE SUPPRESSION.	1	0
0	0	67-30015-001 HARDWARE, SVA BOLTS, TANK FIRE SUPPRESSION.	12	0
0	0	9854415 HARDWARE, DATALOCK LOCKING BRACKET SQUARE HUTS 5/16" ZINC, TANK FIRE SUPPRESSION.	6	0
0	0	A003432 JUNCTION BOX FOR MANUAL PULL STATION 1.5" DEEP BACK BOX, RED COLOR.	1	0
0	0	A11484 1/4" NPT SCHRAEDER VALVE AND CAP, JB INDUSTRIES 1/4" FLARE X 1/4" NPT HALF UNION USED ON TANK SERVICE PORT.	2	0
0	0	DATALOCK DISCHARGE ADAPTER TANK LOCKING PLATE FOR FIRE SYSTCH TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	3	0
0	0	SLPCDN-03FT SUPERVISED LOOP CONNECTION KIT. CONTAINS THE PARTS NEEDED TO CONNECT THE SUPERVISED LOOP BETWEEN END TO END HOODS WITH LESS THAN A 2' GAP. KIT CONTAINS 5 FEET OF BLACK HG WIRE, 5 FEET OF TAN HG WIRE, 3 FEET OF FLEXIBLE CONDUIT, AND TWO 7/8" CONNECTORS.	1	0
0	0	SLPCDN-40FT SUPERVISED LOOP CONNECTION KIT. CONTAINS THE PARTS NEEDED TO CONNECT THE SUPERVISED LOOP BETWEEN HOODS WITH UP TO 39' GAP. KIT CONTAINS 42 FEET OF BLACK HG WIRE, 42 FEET OF TAN HG WIRE, 40 FEET OF FLEXIBLE CONDUIT, AND TWO 7/8" CONNECTORS.	2	0
0	0	TANK STRAP TANK STRAP - USED FOR TANK FIRE SUPPRESSION.	9	0
0	0	TFS-UCTANKBRACKET TANK BRACKET FOR FIRE SYSTCH TANK INSTALLATION IN UTILITY CABINETS, TANK FIRE SUPPRESSION.	3	0
0	0	VK-283952-000 DISCHARGE ADAPTER, TANK FIRE SUPPRESSION.	3	0
34	34	A003431 24VDC SINGLE ACTION MANUAL ACTUATION DEVICE (PUSH/PULL STATION) WITH PROTECTIVE COVER, ONE (1) NORMALLY OPEN CONTACT, RED COLOR.	1	0



HOOD # 2 (KH-2) (Griddle)  
JOB # 7041577 FS # 1  
MODEL: KH-2 SIZE: 30"x44"  
LENGTH 4' 0"



HOOD # 1 (KH-1) (Fryer) JOB # 7041577 FS # 1  
MODEL: HD-2 SIZE: 54"x24"  
LENGTH 6' 0"



**GAS VALVE IS NOT SHIPPED WITH REST OF ORDER**

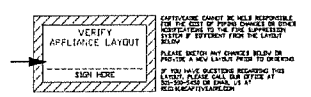
PLEASE CONFIRM SIZE AND CALL 601-500-5450 TO ORDER CORRECT GAS VALVE.  
REQUEST OVERNIGHT SHIPPING IF NEEDED.

- NOTES**
- FIELD PIPE DROPS AS SHOWN
  - PIPING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY GAS.
  - FIELD INSTALLED DROP: FACTORY WILL PROVIDE QTY 2 60IN LONG PIECES OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
  - SHIP LOOSE DROP: FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED SHIPPED LOOSE TO BE FIELD-INSTALLED.
  - RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
  - OVERLAPPING COVERAGE SHALL NOT BE USED ON ANY APPLIANCE WITH AN OBSTRUCTION.
  - IF APPLICABLE, EXTENDED PRE-PIPED DRIPS ARE SHIPPED LOOSE.
  - FACTORY PIPING EXTENDS A MAXIMUM OF 6' ABOVE THE TOP OF THE HOOD.
  - APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
  - THIS FIRE SYSTEM COMPLIES WITH UL 300 REQUIREMENTS.
  - DL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS

JOB #: 7041577.  
JOB NAME: SLIM CHICKENS - FARS.2\_L - SAN ANTONIO, TX #3.  
SYSTEM SIZE: TANK-SP-3 DESIGN FP: 44, MAXIMUM FP: 60.  
HOOD # 1 8' 0.00' LONG x 54' WIDE x 24' HIGH.  
RISER # 1 SIZE: 1 1/4" DIA.  
HOOD # 2 4' 0.00' LONG x 30' WIDE x 44' HIGH.  
RISER # 1 SIZE: 8" DIA.  
HOOD # 2 METAL BLOW-OFF CAPS INCLUDED.

**LEGEND - FIRE CABINET TANK SYSTEM**

- 4 GALLON TANK.
- PRIMARY ACTUATOR RELEASE.
- SECONDARY ACTUATOR RELEASE.
- PRESSURE SUPERVISION SWITCH.
- PRIMARY HOSE ASSEMBLY.
- SECONDARY HOSE ASSEMBLY.
- REMOTE MANUAL ACTUATION DEVICE.



CUSTOMER APPROVAL TO MANUFACTURE: THIS BLOCK MUST BE COMPLETED BEFORE JOB WILL BE PUT INTO PRODUCTION.  
APPROVED AS SHOWN [ ] REVISED AS FOLLOWS [ ] SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_  
IF CHANGES ARE MADE, REVISED AS FOLLOWS [ ] SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

**REVISIONS**

NO.	DESCRIPTION	DATE

**APPROVED FOR CONSTRUCTION**

**DATE:** 9/12/2024

**DWG.#:** 7041577

**DRAWN BY:** Josh I 146

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

**MASTER DRAWING**

**SHEET NO.** 3



PO Box 1642, Farmington, AR, 72730 PHONE: (501) 500-5450 FAX: 501-710-6770 EMAIL: nrg146@captivevaire.com

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TULSA, OK 74119  
918.877.6000

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**SLIM CHICKENS**  
14563 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253

**ISSUE BLOCK**

NO.	DESCRIPTION	DATE

**CHECKED BY:**  
**DRAWN BY:**  
**DOCUMENT DATE:** 10/30/24  
**PROTO:** Q1-JOURNEY-LEFT  
**PROTO CYCLE:** 02/07/24

OEM SUBMITTAL FOR INFORMATION ONLY

MECHANICAL HOOD SHEET

SHEET: MH103

**EXHAUST FAN INFORMATION - JOB#7041677**

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPH	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SOLES
1	KEF-1 (FRYERS)	1	EUSHFA	CAPTIVEAIRE	1000	1.850	1477	TEAD-ECH	0.750	0.5640	1	115	8.9	370 FPM	90	14
2	KEF-2 (GRIDDLE)	1	EUSHFA	CAPTIVEAIRE	600	0.750	1442	TEAD-ECH	0.330	0.1790	1	115	4.3	297 FPM	71	14.4

**DOAS/RTU FAN SCHEDULE - JOB#7041677**

FAN UNIT NO	TAG	QTY	DOAS/RTU MODEL #	MANUFACTURER	BLOWER	RETURN AIR CFM	MAX OUTSIDE AIR CFM	TOTAL CFM	WEIGHT (LBS)	ESP	HP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	NOTES							
																	COOLING INFORMATION	REHEAT INFORMATION	GAS HEAT INFORMATION				
3	RTU-1 (KITCHEN)	1	CAS-HVAC3-1300-24-17.5T	CAPTIVEAIRE	24MF-3-RTU	1786	2014	3800	2699	1.000	5.00	3	208	84.7A	90A	98.6°F 73.8°F 87.5°F 68.6°F 50.8°F 49.9°F 49.2°F 22.3 MBH 156.6 MBH 18.2	6.0	780°F 60.6°F 87.4 MBH 113.4 MBH 55.2 LBS/HR	NATURAL	229970 186276	45°F	7 IN WC - 14 IN WC	1,2,3,4,5,6,7,8,9,10,11,12,14,15,16
4	RTU-2 (DINING)	1	CAS-HVAC3-1200-20-12.5T	CAPTIVEAIRE	20P-3	2400	900	3300	2408	1.000	3.00	3	208	61.2A	70A	98.6°F 73.8°F 81.4°F 65.5°F 52.3°F 50.8°F 49.7°F 14.8 MBH 111.0 MBH 18.2	4.1	780°F 60.1°F 72.6 MBH 101 MBH 33.0 LBS/HR	NATURAL	196256 158967	44°F	7 IN WC - 14 IN WC	1,2,3,4,5,6,7,8,9,10,12,13,14,15,16

**NOTES:**

- INVERTER SCROLL COMPRESSOR WITH INTEGRATED OIL SENSOR. DIGITAL OR STAGED SCROLL NOT AN APPROVED EQUAL.
- DIRECT DRIVE PLENUM BLOWER. BELT DRIVEN BLOWERS ARE NOT ACCEPTABLE.
- INTEGRATED MONITORING VIA CELLULAR CONNECTION BY MANUFACTURER.
- REFRIGERATION PRESSURE MONITORING ON HIGH AND LOW PRESSURE SIDE OF SYSTEM INCLUDED THROUGH DIGITAL INTERFACE.
- EC MOTOR CONDENSING FANS.
- ELECTRONIC EXPANSION VALVE. TXV NOT ACCEPTABLE.
- SECTION LINE ACCELERATOR.
- FACTORY COMMISSIONING WITH 5 YEAR PARTS WARRANTY, 25 YEAR WARRANTY ON STAINLESS STEEL HEAT EXCHANGER.
- AVERAGING INTAKE, EVAP AND DISCHARGE TEMPERATURE SENSORS DISCHARGE SENSOR TO BE FACTORY MOUNTED WITHIN UNIT.
- 2" EXTERIOR DUAL-WALL CONSTRUCTION W/ 8-13 INSULATION-HIGHWAY 200# EXTERIOR W/ LAGA BASE.
- BIX EFFICIENT FURNACE, WITH MODULATING BURNER TO MAINTAIN CONSTANT COMBUSTION EFFICIENCY ACROSS FIRING RANGE. 14:1 TURNDOWN WITH NG AND 12:1 TURNDOWN WITH LP.
- BIX EFFICIENT FURNACE, WITH MODULATING BURNER TO MAINTAIN CONSTANT COMBUSTION EFFICIENCY ACROSS FIRING RANGE. 6:1 TURNDOWN WITH NG AND 5:1 TURNDOWN WITH LP.
- SUPPLY CFM MONITORING INTEGRAL TO UNIT WITH CFM MEASUREMENT INCLUDED THROUGH DIGITAL INTERFACE.
- FULLY MODULATING HOT GAS REHEAT.
- MAIL GUARD FOR CONDENSING COIL.
- DOWN DISCHARGE/DOWN RETURN.

**FAN OPTIONS**

FAN UNIT NO	TAG	QTY	DESCRIPTION
1	KEF-1 (FRYERS)	1	GREASE BOX
		1	FAN BASE CERAMIC SEAL - DU/DROSHFA - INSTALLED AT PLANT - FOR GREASE DUCTS
2	KEF-2 (GRIDDLE)	1	ECH WIRING PACKAGE - EXHAUST - MODBUS CONTROL -HSC- (TELECO, CCW ROTATION)
		1	2 YEAR PARTS WARRANTY
3	RTU-1 (KITCHEN)	1	GREASE BOX
		1	CLASS B SPARK RESISTANT CONSTRUCTION FOR USBI, CASRE, AND DIVER FANS
		1	ECH WIRING PACKAGE - EXHAUST - MODBUS CONTROL -HSC- (TELECO, CCW ROTATION)
		1	2 YEAR PARTS WARRANTY
		1	INLET PRESSURE GAUGE, 0-35"
		1	TOTAL CFM MONITORING
		1	INTAKE FIRESTAT SET TO 135°F
		1	FREEZE STAT
		1	DISCHARGE FIRESTAT SET TO 240°F
		1	SHIP LOOSE GAS STRAINER 1"
		1	SINGLE POINT ELECTRICAL CONNECTION FOR RTU 750VA TRANSFORMER USED IF A NON-DCV PREWIRE CONTROL IS THIS UNIT, THE #20, #47, #44, OR #2 PREWIRE OPTION MUST BE SELECTED. DOES NOT PROVIDE SUPPLY STARTER IN PREWIRE.
		1	CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED
		1	CONSTRUCTION MODE - MODIFIES START-UP SETTINGS TO ALLOW TEMPERING A BUILDING STILL UNDER CONSTRUCTION
		1	RTU3 DOWN DISCHARGE
		1	2" SERV 13 FILTERS FOR RTU3 (QTY. 4)
		1	2" SERV 8 FILTERS FOR RTU3 (QTY. 4)
		1	OVERHEAT STAT
		1	VFD FACTORY MOUNTED AND WIRED IN RTU COMMERCIAL CONTROL VESTIBULE
		1	17.5 TON MODULATING COOLING OPTION, 208/230V, R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECH CONDENSING FANS
		1	17.5 TON MODULATING REHEAT OPTION - SPACE SETPOINT CONTROL - R410A
4	RTU-2 (DINING)	1	OCCUPIED SCHEDULING
		1	VAV PACKAGE W/ MANUAL/DC CONTROL (571 VFD INCLUDED)
		1	REMOTE TEMPERATURE AND HUMIDITY SPACE SENSOR
		1	RTU3 DOWN RETURN
		1	RTU3 MAIL GUARD
		1	RTU INTAKE/RETURN DAMPER - DA PERCENTAGE CONTROL
		1	RTU3 CONVENIENCE OUTLET (GFCI, 15 AMP - REQUIRES SEPARATE 120V CONNECTION INCLUDES RECEPTACLE, COVER AND J-BOX)
		1	CLOGGED FILTER SWITCH - NOTIFICATION ON HMI
		1	HIGH TURNDOWN OPTION FOR DOAS UNITS
		1	HANIFIELD PRESSURE GAUGE, 0 TO 10" WC, 2 FURNACES
		1	24VAC FIRE INPUT
		1	RTU RETURN MOUNTED SMOKE DETECTOR AND SAMPLING TUBE - FACTORY INSTALLED
		1	RTU3 CURB DUCT HANGER
		1	5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS WARRANTY (SEE ADDITIONAL DETAILS)
		1	EXTERIOR GAS CONNECTION PROVIDED BY FACTORY WITH QUICK SEAL AND ANTI-ROTATION BRACKET
		1	INLET PRESSURE GAUGE, 0-35"
		1	HANIFIELD PRESSURE GAUGE, 0 TO 10" WC, 1 FURNACE
		1	TOTAL CFM MONITORING
		1	INTAKE FIRESTAT SET TO 135°F
		1	FREEZE STAT
1	DISCHARGE FIRESTAT SET TO 240°F		
1	SHIP LOOSE GAS STRAINER 3/4"		
1	SINGLE POINT ELECTRICAL CONNECTION FOR RTU 750VA TRANSFORMER USED IF A NON-DCV PREWIRE CONTROL IS THIS UNIT, THE #20, #47, #44, OR #2 PREWIRE OPTION MUST BE SELECTED. DOES NOT PROVIDE SUPPLY STARTER IN PREWIRE.		
1	CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED		
1	RTU3 DOWN DISCHARGE		
1	2" SERV 13 FILTERS FOR RTU3 (QTY. 4)		
1	2" SERV 8 FILTERS FOR RTU3 (QTY. 4)		
1	OVERHEAT STAT		
1	VFD FACTORY MOUNTED AND WIRED IN RTU COMMERCIAL CONTROL VESTIBULE		
1	RTU RETURN MOUNTED SMOKE DETECTOR AND SAMPLING TUBE - FACTORY INSTALLED		
1	OCCUPIED SCHEDULING		
1	VAV PACKAGE W/ MANUAL/DC CONTROL (571 VFD INCLUDED)		
1	REMOTE TEMPERATURE AND HUMIDITY SPACE SENSOR		
1	RTU3 DOWN RETURN		
1	RTU3 MAIL GUARD		
1	RTU INTAKE/RETURN DAMPER - DA PERCENTAGE CONTROL		
1	RTU3 CONVENIENCE OUTLET (GFCI, 15 AMP - REQUIRES SEPARATE 120V CONNECTION INCLUDES RECEPTACLE, COVER AND J-BOX)		
1	CLOGGED FILTER SWITCH - NOTIFICATION ON HMI		
1	RTU3 CURB DUCT HANGER		
1	24VAC FIRE INPUT		
1	12.5 TON MODULATING COOLING OPTION, 208/230V, R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECH CONDENSING FANS		
1	12.5 TON MODULATING REHEAT OPTION - SPACE SETPOINT CONTROL - R410A		
1	5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS WARRANTY (SEE ADDITIONAL DETAILS)		
1	EXTERIOR GAS CONNECTION PROVIDED BY FACTORY WITH QUICK SEAL AND ANTI-ROTATION BRACKET		

**FAN ACCESSORIES**

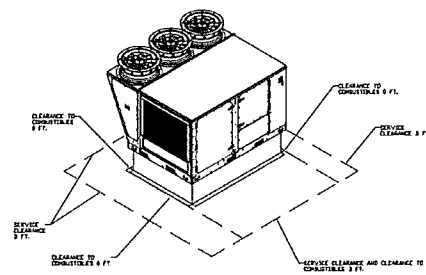
FAN UNIT NO	TAG	EXHAUST	SUPPLY
1	KEF-1 (FRYERS)	GREASE CUP	GRAVITY DAMPER
2	KEF-2 (GRIDDLE)	GRAVITY DAMPER	GRAVITY DAMPER

**CURB ASSEMBLIES**

ID	ON	TAG	WEIGHT	ITEM	SIZE
1	# 1	KEF-1 (FRYERS)	41 LBS	CURB	23.000" W X 23.000" L X 22.000" H 0.25012000 PITCH ALONG LENGTH, RIGHT VENTED HINGED.
2	# 2	KEF-2 (GRIDDLE)	34 LBS	CURB	19.500" W X 19.500" L X 22.000" H 0.25012000 PITCH ALONG LENGTH, RIGHT VENTED HINGED.
3	# 3	RTU-1 (KITCHEN)	104 LBS	CURB	59.500" W X 91.000" L X 14.000" H 0.25012000 PITCH ALONG WIDTH, RIGHT INSULATED.
4	# 4	RTU-2 (DINING)	112 LBS	CURB	59.500" W X 91.000" L X 14.000" H 0.25012000 PITCH ALONG WIDTH, RIGHT INSULATED.

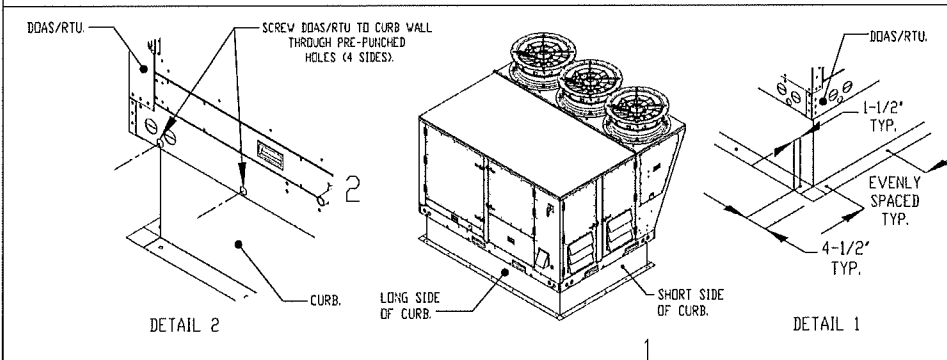
**HMI SCHEDULE**

UNIT NUMBER	HMI #	HMI LOCATION	TEMP AVERAGING	MODBUS ADDRESS
FAN #3	HMI #1 - UNIT	IN UNIT	NOT AVERAGED	55
FAN #3	HMI #2 - SPACE	OFFICE	NOT AVERAGED	56
FAN #4	HMI #1 - UNIT	IN UNIT	NOT AVERAGED	55
FAN #4	HMI #2 - SPACE	OFFICE	NOT AVERAGED	56



**TYPICAL DOAS/RTU ROOF MOUNTING INSTALLATION INSTRUCTIONS**

- SECURE THE CURB TO THE ROOF FRAMING MEMBERS BY DRILLING 1/4" PILOT HOLES IN THE CURB FLANGES AT LOCATIONS SHOWN IN THE DIAGRAM BELOW. USING 3/8" X 2" ZINC PLATED STEEL LAG BOLTS, AND ZINC PLATED WASHERS, SCREW THROUGH THE CURB FLANGES AND INTO THE ROOF FRAMING MEMBERS. A MINIMUM OF (4) LAG BOLTS ON EACH SHORT SIDE, AND (7) LAG BOLTS ON EACH LONG SIDE IS REQUIRED.
- SECURE THE UNIT BASE TO THE SIDE WALLS OF THE CURB USING (24) 1/4"-14 X 2" SELF-DRILLING, STEEL ZINC PLATED SCREWS. PRE-PUNCHED HOLES HAVE BEEN PROVIDED FOR EACH SCREW LOCATION.



SYSTEM APPROVAL TO MANUFACTURER: THIS BLOCK MUST BE COMPLETED BEFORE JOB WILL BE PUT INTO PRODUCTION  
 APPROVED AS DRAWN  APPROVED AS NOTED  REVISE & RESUBMIT  SIGNATURE \_\_\_\_\_ DATE \_\_\_\_\_  
 IF CHANGES ARE MADE TO THIS DRAWING, THE REVISIONS MUST BE INDICATED BY A REVISION NUMBER AND DATE. THIS DRAWING IS TO BE USED AS SHOWN IN THE AS-BUILT RECORD.

**REVISIONS**

NO.	DESCRIPTION	DATE

**REVISIONS**

DATE: 9/12/2024

DWG.#: 7041577

DRAWN BY: Josh I 146

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

MASTER DRAWING

SHEET NO. 4

Slim Chickens - FARS2\_L  
 San Antonio, TX (Potranco)



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ISSUE BLOCK

NO.	DESCRIPTION	DATE

CHECKED BY: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_  
 DOCUMENT DATE: 10/30/24  
 PROTO: Q1-JOURNEY-LEFT  
 PROTO CYCLE: 02/07/24

DATE: 10/30/24

14699 POTRANCO ROAD  
 SAN ANTONIO (POTRANCO) TX 78253

MECHANICAL HOOD SHEET

OEM SUBMITTAL FOR INFORMATION ONLY

ENGINEER OF RECORD

SHEET: MH104





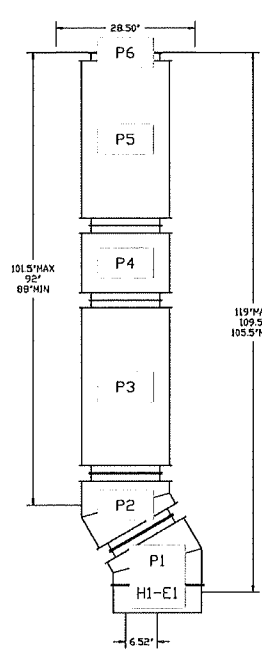




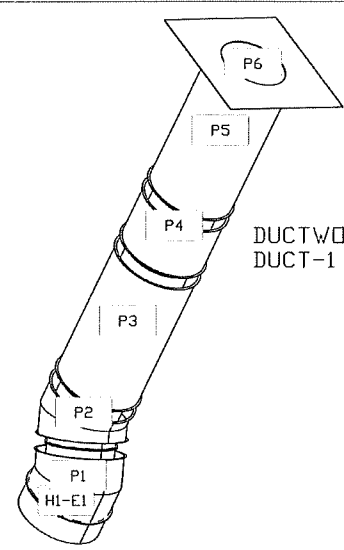


**DUCTWORK #1 PARTS - JOB#7041577 DOUBLE WALL DUCT-1 (FRYER)**

TAG	PART #	CFM	CPH	ZONE	COVEREDBY	SP	WEIGHT	VELOCITY	QTY	DESCRIPTION	
H1-E1	DV182VRISE-DR-S	1800					-0.93	915	000	DOUBLE WALL RISER COVER - USED ON 14" INNER RISER, 4' LONG - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER RISER SHELL ASSEMBLY. INCLUDES INSULATION & SINGLE V CLAMPS FOR INNER & OUTER CONNECTIONS.	
P1	DV1430DVAST-DR-S	1800					-0.0369	16.78	1683.79	1	DOUBLE WALL DUCT - 14" INNER 30' DUCT - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P2	DV1430DVAST-DR-S	1800					-0.0244	16.78	1683.79	1	DOUBLE WALL DUCT - 14" INNER 30' DUCT - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P3	DV1430DVAST-DR-S	1800					-0.0147	16.53	1683.79	1	DOUBLE WALL DUCT - 14" INNER DUCT, 30' LONG - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P4	DV1427DVAJD-DR-S	1800					-0.0063	22.12	1683.79	1	DOUBLE WALL ADJUSTABLE DUCT - 14" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL. MIN LENGTH = 11' / MAX LENGTH = 24.5' / ADJUSTMENT = 12.5' / ADJUSTABLE SECTION MAY NEED TO BE CUT. INCLUDES SINGLE AND DOUBLE WALL V CLAMPS.
P5	DV1423DVL1TP-DR-S	1800					-0.015	18.06	1683.79	1	DOUBLE WALL DUCT - 14" INNER DUCT, 30' LONG - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P6	DV2614TP	1800						18.53	1683.79	1	DUCT TO CURB TRANSITION, 26-1/2" CURB TO 14" DUCT, 16 GA ALUMINIZED USED ON ROOF.
SYSTEM AT P6									18072	000	
RC1	DV182VRISE-DR-S							0.19		1	DOUBLE WALL RISER COVER - USED ON 14" INNER RISER, 4' LONG - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER RISER SHELL ASSEMBLY. INCLUDES INSULATION & SINGLE V CLAMPS FOR INNER & OUTER CONNECTIONS.
	2M-2000PLUS							0.80		2	DUCT - 2M FIRE BARRIER 2000 PLUS SLICED - USED AS SEALANT TO SEAL DUCT JOINTS.
	DV142VCLAST-DR-S							7.21		2	DUCT - 14" DUCT - 18" DOUBLE V CLAMP - 2" INSULATION & SINGLE V CLAMP INCLUDED - REDUCED CLEARANCE.
TOTAL WEIGHT										22512	

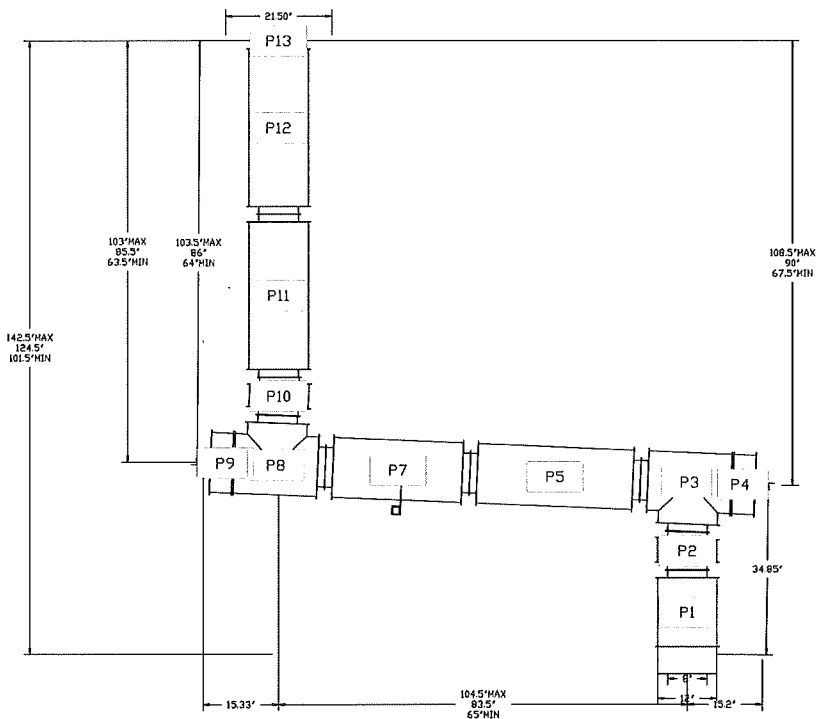


DUCTWORK #1 FRONT VIEW DUCT-1 (FRYER)

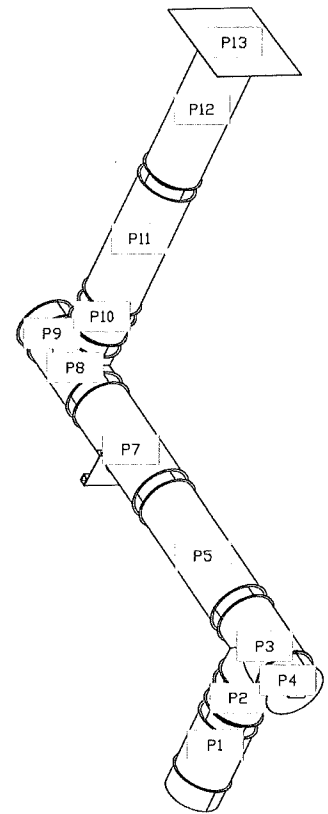


DUCTWORK #1 SE VIEW DUCT-1 (FRYER)

DUCTWORK #2 FRONT VIEW DUCT-2 (GRIDDLE)



DUCTWORK #2 SE VIEW DUCT-2 (GRIDDLE)



**DUCTWORK #2 PARTS - JOB#7041577 DOUBLE WALL DUCT-2 (GRIDDLE)**

TAG	PART #	CFM	CPH	ZONE	COVEREDBY	SP	WEIGHT	VELOCITY	QTY	DESCRIPTION	
H2-E1	DV182VRISE-DR-S	600					-0.568	562	000	DOUBLE WALL RISER COVER - USED ON 8" INNER RISER, 4' LONG - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER RISER SHELL ASSEMBLY. INCLUDES INSULATION & SINGLE V CLAMPS FOR INNER & OUTER CONNECTIONS.	
P1	DV1807DVL1-DR-S	600					-0.013	14.58	1718.87	1	DOUBLE WALL DUCT - 8" INNER DUCT, 17' LONG - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P2	DV1802DVOFFSTASY-DR-S	600					-0.006	0.67	1718.87	1	DOUBLE WALL DUCT - 8" INNER DUCT RISER & 2 DEGREE OFFSET - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P3	DV1802DVOFFSTASY-DR-S	600					-0.011	23.77	1718.87	1	DOUBLE WALL DUCT - 8" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P4	DV1803DVL1-DR-S	600					-0.0271	29.34	1718.87	1	DOUBLE WALL DUCT - 8" INNER DUCT, 25' LONG - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P5	DV18042DVAJD-DR-S	600					-0.0229	63.35	1718.87	1	DOUBLE WALL ADJUSTABLE DUCT - 8" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL. MIN LENGTH = 11' / MAX LENGTH = 20.5' / ADJUSTMENT = 12.5' / ADJUSTABLE SECTION MAY NEED TO BE CUT. INCLUDES SINGLE AND DOUBLE WALL V CLAMPS.
P6	DV1816SADKIT							5.14		1	DUCT - HORIZONTAL SADDLE SUPPORT KIT, USED WITH 12" OD - INCLUDES UNI-STRUT CUT TO LENGTH, DV1816SADKIT & HARDWARE BAG 4.
P7	DV1816SADKIT							5.14		1	DUCT - HORIZONTAL SADDLE SUPPORT KIT, USED WITH 12" OD - INCLUDES UNI-STRUT CUT TO LENGTH, DV1816SADKIT & HARDWARE BAG 4.
P8	DV1809DVEASY-DR-S	600					-0.074	23.77	1718.87	1	DOUBLE WALL DUCT - 8" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P9	DV1809DVEASY-DR-S	600						13.42		1	DOUBLE WALL DUCT - 8" INNER ACCESS DOOR & 18" ACCESS DOOR COVER WITH CLAMPS - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P10	DV1802DVOFFSTASY-DR-S	600					-0.006	0.67	1718.87	1	DOUBLE WALL DUCT - 8" INNER DUCT RISER & 2 DEGREE OFFSET - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P11	DV18042DVAJD-DR-S	600					-0.025	63.35	1718.87	1	DOUBLE WALL ADJUSTABLE DUCT - 8" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL. MIN LENGTH = 11' / MAX LENGTH = 20.5' / ADJUSTMENT = 12.5' / ADJUSTABLE SECTION MAY NEED TO BE CUT. INCLUDES SINGLE AND DOUBLE WALL V CLAMPS.
P12	DV1803DVL1TP-DR-S	600					-0.027	30.44	1718.87	1	DOUBLE WALL DUCT - 8" INNER DUCT, 25' LONG - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
P13	DV1809DVEASY-DR-S	600						6.62	1718.87	1	DUCT TO CURB TRANSITION, 18-1/2" CURB TO 8" DUCT, 16 GA ALUMINIZED STEEL. HISC. NON-STANDARD TRANSITION PLATE. FOR USE WITH EXHAUST FAN.
SYSTEM AT P13									689	000	
P14	DV1809DVEASY-DR-S							13.42		1	DOUBLE WALL DUCT - 8" INNER ACCESS DOOR & 18" ACCESS DOOR COVER WITH CLAMPS - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER SHELL.
RC1	DV182VRISE-DR-S							5.62		1	DOUBLE WALL RISER COVER - USED ON 8" INNER RISER, 4' LONG - 2 LAYERS REDUCED CLEARANCE - 18" STAINLESS STEEL OUTER RISER SHELL ASSEMBLY. INCLUDES INSULATION & SINGLE V CLAMPS FOR INNER & OUTER CONNECTIONS.
	2M-2000PLUS							0.80		2	DUCT - 2M FIRE BARRIER 2000 PLUS SLICED - USED AS SEALANT TO SEAL DUCT JOINTS.
	DV1802VCLAST-DR-S							4.64		4	DUCT - 8" DUCT - 18" DOUBLE V CLAMP - 2" INSULATION & SINGLE V CLAMP INCLUDED - REDUCED CLEARANCE.
TOTAL WEIGHT										33529	

FIELD VERIFY DIMENSIONS PRIOR TO ORDERING

CUSTOMER APPROVAL TO MANUFACTURE. THIS BLOCK MUST BE COMPLETED BEFORE JOB WILL BE PUT INTO PRODUCTION.

APPROVED AS DRAWN  REVISED AS NOTED  REVISED AS REQUIRED

DATE: \_\_\_\_\_

**REVISIONS**

NO.	DESCRIPTION	DATE

**CAPTIVE**

PO Box 1942, Farmington, AR, 72730 PHONE: (501) 900-6480 FAX: 501-10670 EMAIL: rjg146@captiveweld.com

Slim Chickens - FAR22\_L  
San Antonio, TX (Potranco)

DATE: 9/12/2024

JOB #: 7041577

BRN: Josh I 146

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

MASTER DRAWING

SHEET NO. 9

CYNERGY  
810 S CINCINNATI AVE  
SUITE 200  
TULSA, OK 74119  
918.877.6000

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14583 POTRANCO ROAD  
SAN ANTONIO (POTRANCO) TX 78253

ISSUE BLOCK

NO.	DESCRIPTION	DATE

CHECKED BY: \_\_\_\_\_

DRAWN BY: \_\_\_\_\_

DOCUMENT DATE: 10/30/24

PROTO: Q1-JOURNEY-LEFT

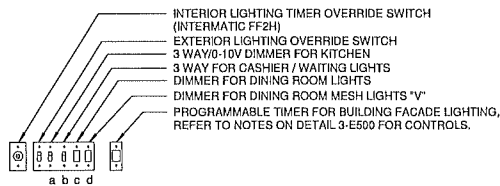
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OEM SUBMITTAL FOR INFORMATION ONLY

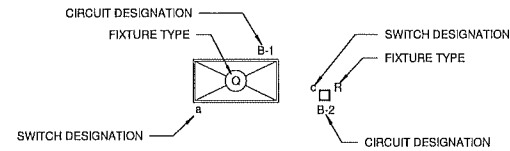
MECHANICAL HOOD SHEET

SHEET: MH109





2 SWITCH BANK DETAIL



3 LIGHTING NOMENCLATURE DETAIL

LIGHT FIXTURE SCHEDULE									
TYPE MARK	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	Mounting	VOLTAGE	WATTAGE	LAMP TYPE	Mounting HEIGHT (AFF)	
A	TMS LIGHTING	CUS40035-PENDANT SATCO S9845 LAMP	PENDANT	PENDANT	120	9.0	LED	90° TO BOTTOM OF DOME	
B	TMS LIGHTING	CJS40035-CLUSTER WITH 15 - SATCO S21360 LAMPS	DECORATIVE ENTRY LIGHT FIXTURE	SURFACE	120	75.0	LED	SURFACE MOUNTED TO CEILING	
C	TMS LIGHTING	SC30250-PENDANT SATCO S9845 LAMP	PENDANT	PENDANT	120	9.0	LED	90° TO BOTTOM OF DOME	
EG	SURE LITES	APWR2	EGRESS LIGHT	WALL	120	0.7	LED	108" AFF	
EM	SURE LITES	APEL	LED EMERGENCY LIGHT FIXTURE	WALL	120	0.3	LED	12" BELOW CEILING OR TRUSS IN ALL AREAS	
EM2	SURE LITES	APELH2	LED EMERGENCY LIGHT FIXTURE	WALL	120	0.3	LED	12" BELOW CEILING OR TRUSS IN ALL AREAS	
EX	SURE LITES	APCH7R	EXIT SIGN (SINGLE FACE)	SURFACE	120	1.3	LED		
FS	SURE LITES	AEL2-46-WH	EGRESS LIGHT	WALL	120	5.2	LED	90" AFF	
G	LUMARK	LVL20UG	UNDER CANOPY LIGHT	WALL	120	17.7	LED	REFER TO A201 AND A202 FOR MOUNTING HEIGHT	
J	TMS LIGHTING	SC30250-LD-J-F10	EXTERIOR GOOSENECK	WALL	120	20.0	LED	REFER TO A201 AND A202 FOR MOUNTING HEIGHT	
K	TMS LIGHTING	SC30250-LD-K-F10	EXTERIOR WALL MOUNTED GOOSENECK	WALL	120	19.0	LED	REFER TO A201 AND A202 FOR MOUNTING HEIGHT	
L	AMERICAN LIGHTING	SCLS-MS-24-48-BK LAMP - AMERICAN LIGHTING PS14-E26-WW	STRING LIGHTS	SURFACE		40.0	LED	COORDINATE WITH OWNER	
M	TMS LIGHTING	SC30250-IN-M-S/S9580	VANITY LIGHT	SURFACE	120	20.0	LED	COORDINATE WITH MIRROR	
P	TMS LIGHTING	CUS40035-WALL SATCO S9845 LAMP	GOOSENECK	SURFACE	120	9.0	LED	SURFACE	
Q	METALUX	24FP4740C	2X4 LED	RECESSED	120	41.4	LED	RECESSED	
QE	METALUX	24FP4740C-EL14W	2X4 LED EMERGENCY	RECESSED	120	41.4	LED	RECESSED	
R	HALO	SM04S6927WHDM	4" SQUARE RECESSED MOUNT	RECESSED	120	9.5	LED	RECESSED	
S	KELVIX	SIGNWAVE 3 RED	18" 1 1/2" RED STRIP LIGHT	SURFACE	120	70.1	LED	SURFACE	
S1	KELVIX	SIGNWAVE 3 RED	17" 7 1/2" RED STRIP LIGHT	SURFACE	120	65.1	LED	SURFACE	
ST4	EATON	4VT2-LD5-6-DR-UNV-L840-CD1-WL-U	4" LINEAR VAPOR-TIGHT FIXTURE	SURFACE	120	51.0	LED	SURFACE	
U8	NUVO	TR123, TP170	8" TRACK	SURFACE	120	6.0	LED	SURFACE	
V	NUVO	64598/59581	TRACK MOUNTED PENDANT	TRACK	120	6.5	LED	SURFACE	

THE GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR SUPPLYING THE LIGHTING AND GEAR PACKAGE AND INSTALLATION TO BE BY THE ELECTRICAL CONTRACTOR. ALL LIGHT FIXTURES AND GEAR WILL BE PROVIDED BY THE SLIM CHICKENS NATIONAL ACCOUNT PROVIDER HALMSTROM WHITE COMPANY (501-224-2775 EXT 213) FOR PRICING. ADDITIONAL CONTACT INFO IS VIA CELL PHONE (501-983-8779) OR VIA EMAIL (CHRIS@HW-CO.COM) LEAD TIME FOR LIGHTS CAN BE UP TO 6 WEEKS. NO EXCEPTIONS WILL BE ALLOWED UNLESS SPECIFICALLY AUTHORIZED BY SLIM CHICKENS CORPORATE.

- GENERAL NOTES
- EMERGENCY EXIT ILLUMINATION SHALL BE SUPPLIED FROM STORAGE BATTERY THAT IS TO PROVIDE 90 MINUTES OF CONTINUOUS ILLUMINATION IN CASE OF LOSS OF PRIMARY POWER.
  - BRANCH CIRCUIT FEEDING THE UNIT EQUIPMENT (EMERGENCY LIGHT/EXIT SIGN WITH SELF-CONTAINED RECHARGEABLE BATTERY) SHALL BE THE SAME BRANCH CIRCUIT AS THAT SERVING THE NORMAL LIGHTING IN THE AREA AND CONNECTED AHEAD OF ANY LOCAL SWITCHES OR TIME CLOCKS AS SHOWN ON PLAN.
  - EMERGENCY LUMINAIRES SHALL BE INSTALLED TO MEET THE REQUIREMENTS IN NFPA 101 7.8.2. EMERGENCY LUMINAIRES SHALL PROVIDE AN INITIAL AVERAGE ILLUMINATION LEVEL OF AT LEAST 1 FOOT-CANDLE BUT AT ANY POINT IT SHALL NOT BE LESS THAN 0.1 FOOT-CANDLE ALONG THE PATH OF EGRESS AT FLOOR LEVEL FOR THE INITIAL 90 MINUTES. AFTER THE INITIAL 90 MINUTES THE EMERGENCY LUMINAIRES SHALL PROVIDE AN AVERAGE ILLUMINATION LEVEL OF AT LEAST .6 FOOT-CANDLE ALONG THE PATH OF EGRESS AT FLOOR LEVEL BUT AT ANY POINT SHALL NOT BE LESS THAN .06 FOOT-CANDLE. THE EMERGENCY ILLUMINATION LEVEL SHALL HAVE A MINIMUM-TO-MAXIMUM EMERGENCY ILLUMINATION UNIFORMITY RATIO THAT DOES NOT EXCEED 40:1.
  - CONDUIT AND WIRING IN AREAS WHERE EXPOSED SHALL BE ROUTED AT 90 DEGREE ANGLES PERPENDICULAR OR PARALLEL TO JOISTS, COORDINATE PAINTING OF CONDUIT WITH ARCHITECTURAL FINISHES.
  - GOOSENECK AND PENDANT (INTERIOR) LIGHTS NEAR BOOTH WINDOWS TO BE CENTERED OVER TABLES, TYP.
  - ALL LIGHT SWITCHES SHALL BE MOUNTED AT 48" AFF.
  - COORDINATE WITH ARCHITECTURAL SHEETS FOR EXACT LIGHT FIXTURE LOCATIONS.

KEYNOTES

26.07	INTERMATIC ET2725C ASTRONOMIC TIMECLOCK. REF DETAIL 3-E500 FOR ADDITIONAL SCOPE OF WORK.
26.08	SEAL LIGHT FIXTURES AT COOLER/FREEZER CEILING WITH SILICONE CAULK.
26.09	SWITCH BANK LOCATION REFERENCE DETAIL 2-E100. ALL SWITCHES SHALL BE PERMANENTLY LABELED TO INDICATE LIGHTS THEY CONTROL. ALL SWITCHES MUST BE PILOT TYPE.
26.28	LIGHTING AND KITCHEN CONTRACTOR CABINET LOCATION. REFERENCE DETAIL 3-E500 AND 4-E500 FOR ADDITIONAL SCOPE OF WORK.

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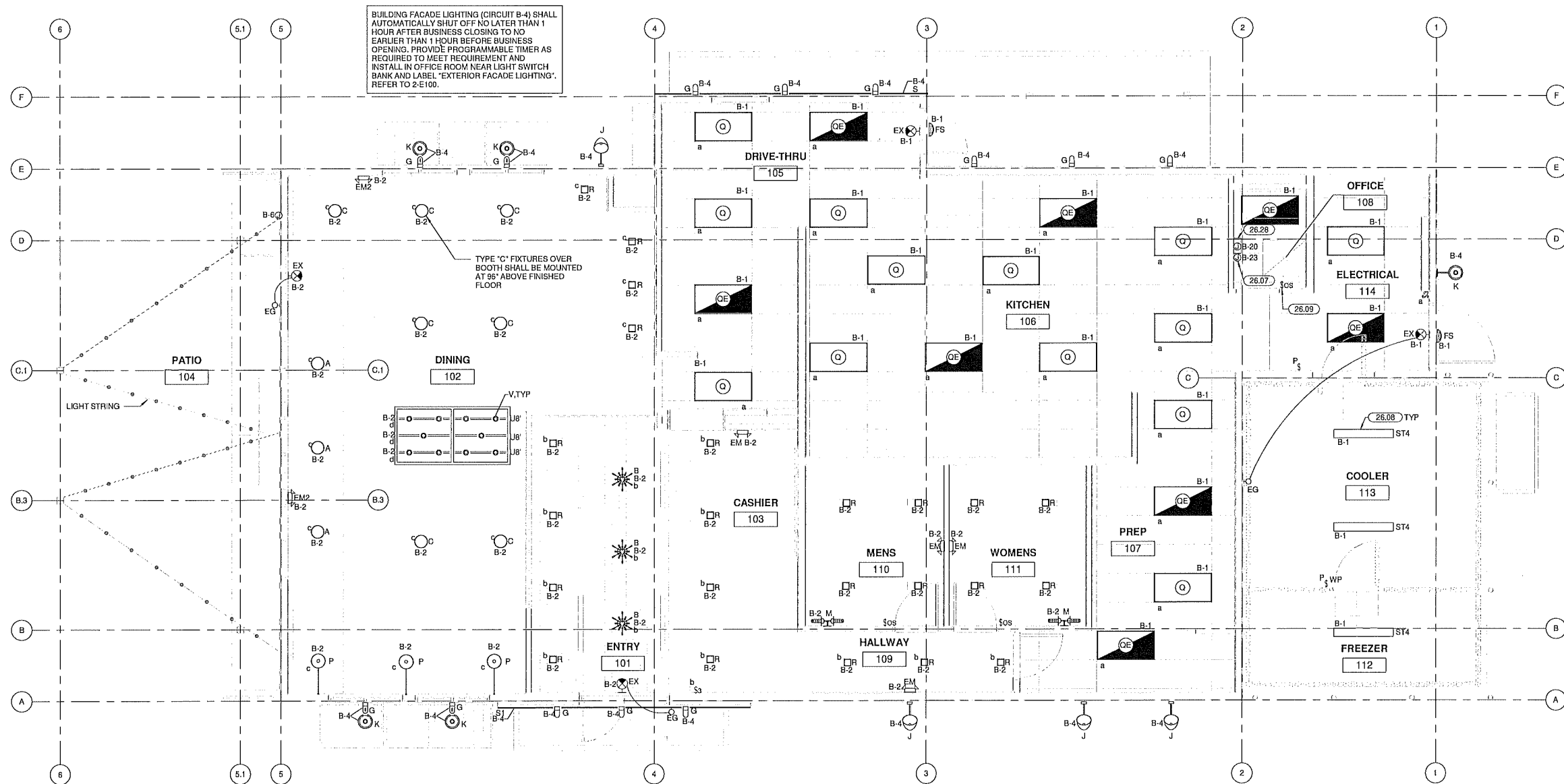
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PROTO CYCLE: 02/07/24

ENGINEER OF RECORD  
ELECTRICAL LIGHTING PLAN

SHEET:  
E100



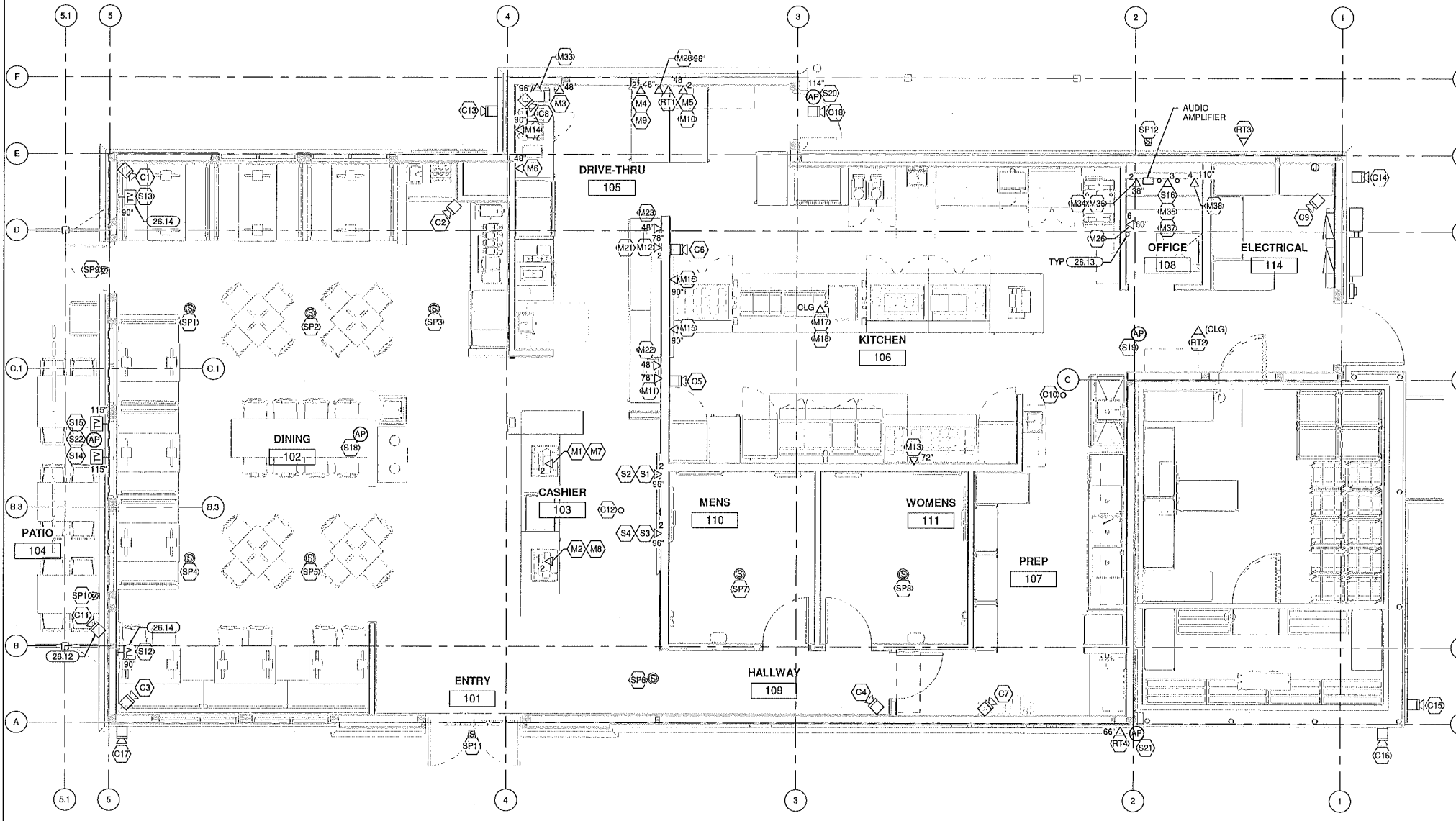
1 LIGHTING PLAN  
1/4" = 1'-0"

10/30/24 11:52:27 AM C:\Users\jrm\OneDrive\Documents\Projects\14583 Potranco Road\14583 Potranco Road - Electrical Lighting Plan.dwg

E.C. IS RESPONSIBLE FOR ALL LOW VOLTAGE ROUGH INS, JUNCTION BOXES AND CONDUITS FOR LOW VOLTAGE DEVICES. LOW VOLTAGE CABLES TO BE PROVIDED AND INSTALLED BY IT VENDOR. E.C. IS RESPONSIBLE FOR ALL LOW VOLTAGE SCOPE OF WORK FOR MECHANICAL/HOOD SYSTEMS/REFRIGERATION.

- GENERAL NOTES**
1. ALL CONDUIT BENDS CONTAINING DATA CABLES SHALL BE LONG SWEEPS, NO 90 DEGREE BENDS.
  2. ALL LOW VOLTAGE WIRING AND CABLING SHALL BE WHITE IN COLOR.
  3. LABELS SHALL BE PROVIDED ON BOTH ENDS OF ALL LOW VOLTAGE CABLES.
  4. E.C. SHALL REFER TO HOOD DRAWINGS FOR ADDITIONAL LOW VOLTAGE SCOPE OF WORK.
  5. E.C. SHALL REFER TO 1/E150 FOR EXTERIOR DRIVE THRU DATA DEVICE LOCATIONS.
  6. E.C. SHALL PROVIDE CONDUIT FROM LOW VOLTAGE DEVICE LOCATIONS IN WALL TO 6" ABOVE CEILING.
- KEYNOTES**
- 26.12 COORDINATE FINAL LOCATION AND QUANTITIES OF SECURITY CAMERAS WITH SECURITY VENDOR. TYPICAL.
  - 26.13 PROVIDE 1 1/2" C SURFACE MOUNT TO WALL FROM 12" BELOW CEILING SPACE TO ABOVE CEILING SPACE. TERMINATE WITH BUSHING.
  - 26.14 T.V. DATA OUTLET BOX. E.C. TO SUPPLY BOX AND CONDUIT TO LOCATION. E.C. TO COORDINATE EXACT LOCATIONS WITH SLIMS CONSTRUCTION MANAGER.

LOW VOLTAGE CONNECTION SCHEDULE					
LV#	EQUIPMENT NAME (TAG)	ORIGIN	CABLE	TERMINATION	COMMENTS
C1	CAMERA	NVR	CAT6	RJ45	
C2	CAMERA	NVR	CAT6	RJ45	
C3	CAMERA	NVR	CAT6	RJ45	
C4	CAMERA	NVR	CAT6	RJ45	
C5	CAMERA	NVR	CAT6	RJ45	
C6	CAMERA	NVR	CAT6	RJ45	
C7	CAMERA	NVR	CAT6	RJ45	
C8	CAMERA	NVR	CAT6	RJ45	
C9	CAMERA	NVR	CAT6	RJ45	
C10	CAMERA	NVR	CAT6	RJ45	
C11	CAMERA	NVR	CAT6	RJ45	WEATHERPROOF
C12	CAMERA	NVR	CAT6	RJ45	
C13	CAMERA	NVR	CAT6	RJ45	WEATHERPROOF
C14	CAMERA	NVR	CAT6	RJ45	WEATHERPROOF
C15	CAMERA	NVR	CAT6	RJ45	WEATHERPROOF
C16	CAMERA	NVR	CAT6	RJ45	WEATHERPROOF
C17	CAMERA	NVR	CAT6	RJ45	WEATHERPROOF
C18	CAMERA	NVR	CAT6	RJ45	WEATHERPROOF
M1	POS 1	MAIN NETWORK SWITCH	CAT6	RJ45	SURFACE MOUNTED IN POS COUNTER
M2	POS 2	MAIN NETWORK SWITCH	CAT6	RJ45	SURFACE MOUNTED IN POS COUNTER
M3	POS 3	MAIN NETWORK SWITCH	CAT6	RJ45	
M4	POS 4	MAIN NETWORK SWITCH	CAT6	RJ45	
M5	POS 5	MAIN NETWORK SWITCH	CAT6	RJ45	
M6	POS 6	MAIN NETWORK SWITCH	CAT6	RJ45	
M7	CHIP READER 1	MAIN NETWORK SWITCH	CAT6	RJ45	SURFACE MOUNTED IN POS COUNTER
M8	CHIP READER 2	MAIN NETWORK SWITCH	CAT6	RJ45	SURFACE MOUNTED IN POS COUNTER
M9	CHIP READER 3	MAIN NETWORK SWITCH	CAT6	RJ45	
M10	CHIP READER 4	MAIN NETWORK SWITCH	CAT6	RJ45	
M11	KDS 1/DINE IN EXPO	MAIN NETWORK SWITCH	CAT6	RJ45	
M12	KDS 2/DT EXPO	MAIN NETWORK SWITCH	CAT6	RJ45	
M13	KDS 3/COOK	MAIN NETWORK SWITCH	CAT6	RJ45	
M14	KDS 4/DT DRINK	MAIN NETWORK SWITCH	CAT6	RJ45	
M15	KDS 5/DINE IN QB	MAIN NETWORK SWITCH	CAT6, VGA	RJ45, MALE DE-15(VGA)	
M16	KDS 6/DRIVE THRU QB	MAIN NETWORK SWITCH	CAT6, VGA	RJ45, MALE DE-15(VGA)	
M17	KDS 7/DINE IN SSW	MAIN NETWORK SWITCH	CAT6, VGA	RJ45, MALE DE-15(VGA)	
M18	KDS 8/DRIVE THRU SSW	MAIN NETWORK SWITCH	CAT6, VGA	RJ45, MALE DE-15(VGA)	
M21	KDS 11/OVLO EXPO	MAIN NETWORK SWITCH	CAT6	RJ45	
M22	DINE IN PRINTER	MAIN NETWORK SWITCH	CAT6	RJ45	
M23	DT PRINTER	MAIN NETWORK SWITCH	CAT6	RJ45	
M26	HEADSET DON'TROLLER	MAIN NETWORK SWITCH	CAT6	RJ45	
M28	DT TIMER	MAIN NETWORK SWITCH	CAT6	RJ45	
M33	DT TIMER	MAIN NETWORK SWITCH	CAT6	RJ45	
M34	NVR	MAIN NETWORK SWITCH	CAT6	RJ45	
M35	MANAGERS PC	MAIN NETWORK SWITCH	CAT6	RJ45	
M36	MUSIC	MAIN NETWORK SWITCH	CAT6	RJ45	
M37	DRIVE TIMER RT/RT 7000	MAIN NETWORK SWITCH	CAT6	RJ45	
M38	IT CABINET	MAIN NETWORK SWITCH	CAT6	RJ45	
RT1	HEADSET	HEADSET CONTROLLER	CAT6	RJ45	
RT2	HEADSET	HEADSET CONTROLLER	CAT6	RJ45	
RT3	HEADSET	HEADSET CONTROLLER	CAT6	RJ45	WEATHERPROOF
RT4	HEADSET	HEADSET CONTROLLER	CAT6	RJ45	WEATHERPROOF
RT6	HEADSET	HEADSET CONTROLLER	CAT6	RJ45	
S1	IDMB 1	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45, HDMI	
S2	IDMB 2	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45, HDMI	
S3	IDMB 3	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45, HDMI	
S4	IDMB 4	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45, HDMI	
S5	ODMB 1	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45	
S6	ODMB2	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45	
S7	ODMB3	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45	
S8	ODMB4	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45	
S12	TV 2	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45, HDMI	
S13	TV 3	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45, HDMI	
S14	TV 4	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45, HDMI	
S15	TV 5	SECONDARY NETWORK SWITCH	CAT6, HDMI	RJ45, HDMI	
S16	YEALINK W70	SECONDARY NETWORK SWITCH	CAT6	RJ45	
S18	WAP/FOH	SECONDARY NETWORK SWITCH	CAT6	RJ45	CEILING MOUNTED
S19	WAP/BOH	SECONDARY NETWORK SWITCH	CAT6	RJ45	CEILING MOUNTED
S20	WAP/OUTDOOR	SECONDARY NETWORK SWITCH	CAT6	RJ45	WALL MOUNTED; WEATHERPROOF; S22
S21	WIFI ACCESS POINT	PRIVATE NETWORK SWITCH	CAT6	RJ45	WALL MOUNTED; WEATHERPROOF; S21
S22	WAP/OUTDOOR	SECONDARY NETWORK SWITCH	CAT6	RJ45	WALL MOUNTED; WEATHERPROOF; S22
SP1	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	BOTTOM OF TRUSS
SP2	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	BOTTOM OF TRUSS
SP3	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	BOTTOM OF TRUSS
SP4	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	RECESSED IN CEILING
SP5	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	BOTTOM OF TRUSS
SP6	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	RECESSED IN CEILING
SP7	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	RECESSED IN CEILING
SP8	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	RECESSED IN CEILING
SP9	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	120" AFF; WEATHERPROOF
SP10	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	120" AFF; WEATHERPROOF
SP11	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	114" AFF; WEATHERPROOF
SP12	SPEAKER	AUDIO AMPLIFIER	#16/2	TERMINALS	114" AFF; WEATHERPROOF



**1 ELECTRICAL LOW VOLTAGE PLAN**  
1/4" = 1'-0"

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DOCUMENT DATE: 10/30/24  
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PROTO CYCLE: 0207/24

**Matthew J. Putnam**  
REGISTERED PROFESSIONAL ENGINEER  
124457  
10-30-2024

ENGINEER OF RECORD  
**ELECTRICAL LOW VOLTAGE PLAN**

SHEET:  
**E120**



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GENERAL NOTES	
1.	E.C. TO COORDINATE WITH MECHANICAL CONTRACTOR FOR FINAL LOCATIONS OF ALL ROOF TOP UNITS PRIOR TO PERFORMING ANY ROUGH IN WORK.
2.	E.C. TO REFER TO HOOD DRAWINGS FOR ADDITIONAL SCOPE OF WORK.
3.	E.C. TO PROVIDE LIQUID TIGHT FLEXIBLE CONDUIT BETWEEN DISCONNECT SWITCH AND ROOF TOP UNITS, 3 FEET MAXIMUM.
4.	ALL EXTERIOR DISCONNECTS SHOWN ON PLANS SHALL BE RATED FOR EXTERIOR USE, NEMA 3R.
KEYNOTES	
26.10	EQUIPMENT FURNISHED WITH NON-FUSED DISCONNECT, E.C. SHALL MAKE ELECTRICAL CONNECTIONS.
26.11	EQUIPMENT FURNISHED WITH WP/WR GFI RECEPTACLE, E.C. SHALL MAKE ELECTRICAL CONNECTIONS.

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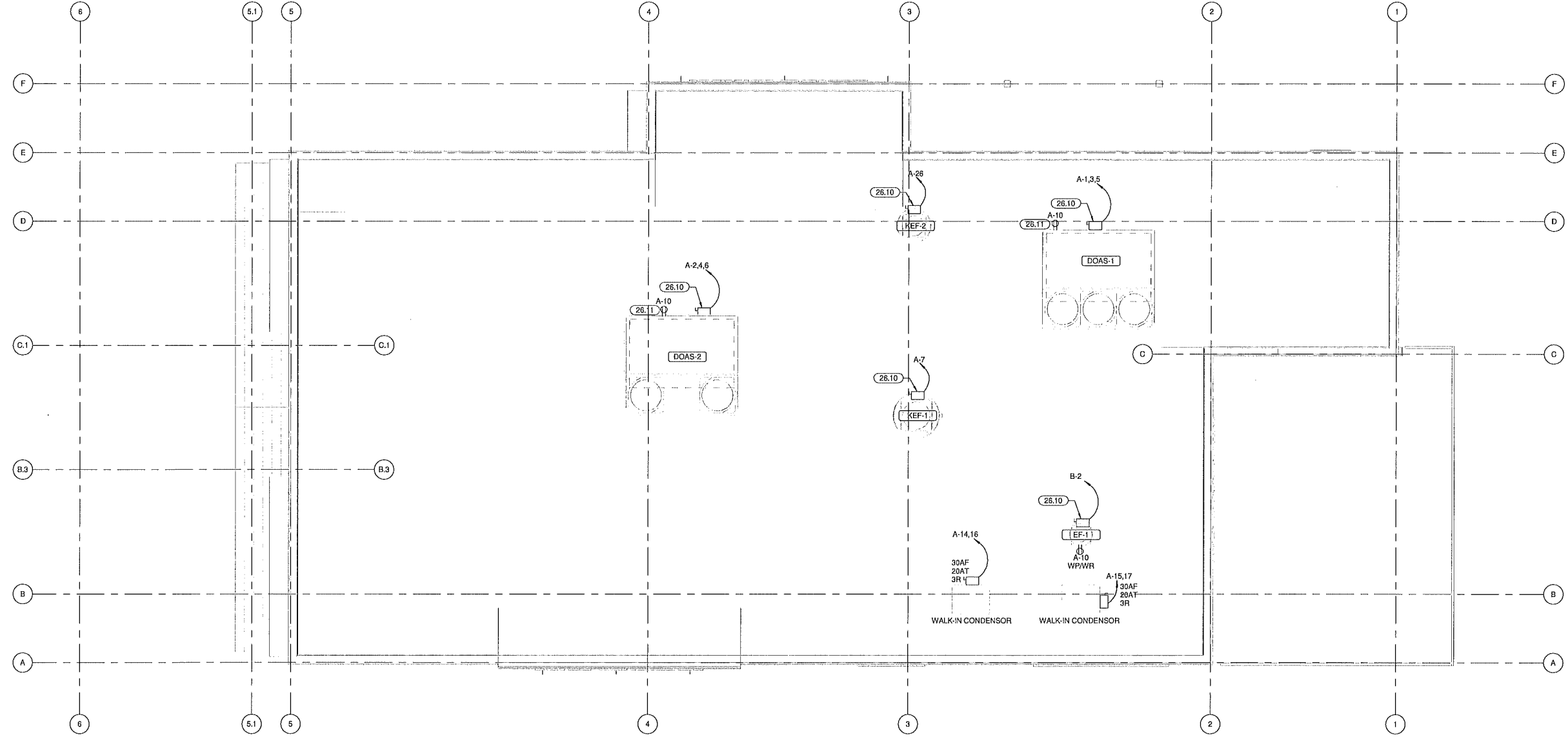
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ELECTRICAL ROOF PLAN

SHEET: E140



1 ELECTRICAL ROOF PLAN  
1/4" = 1'-0"

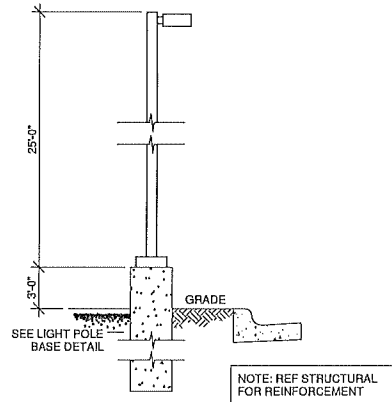
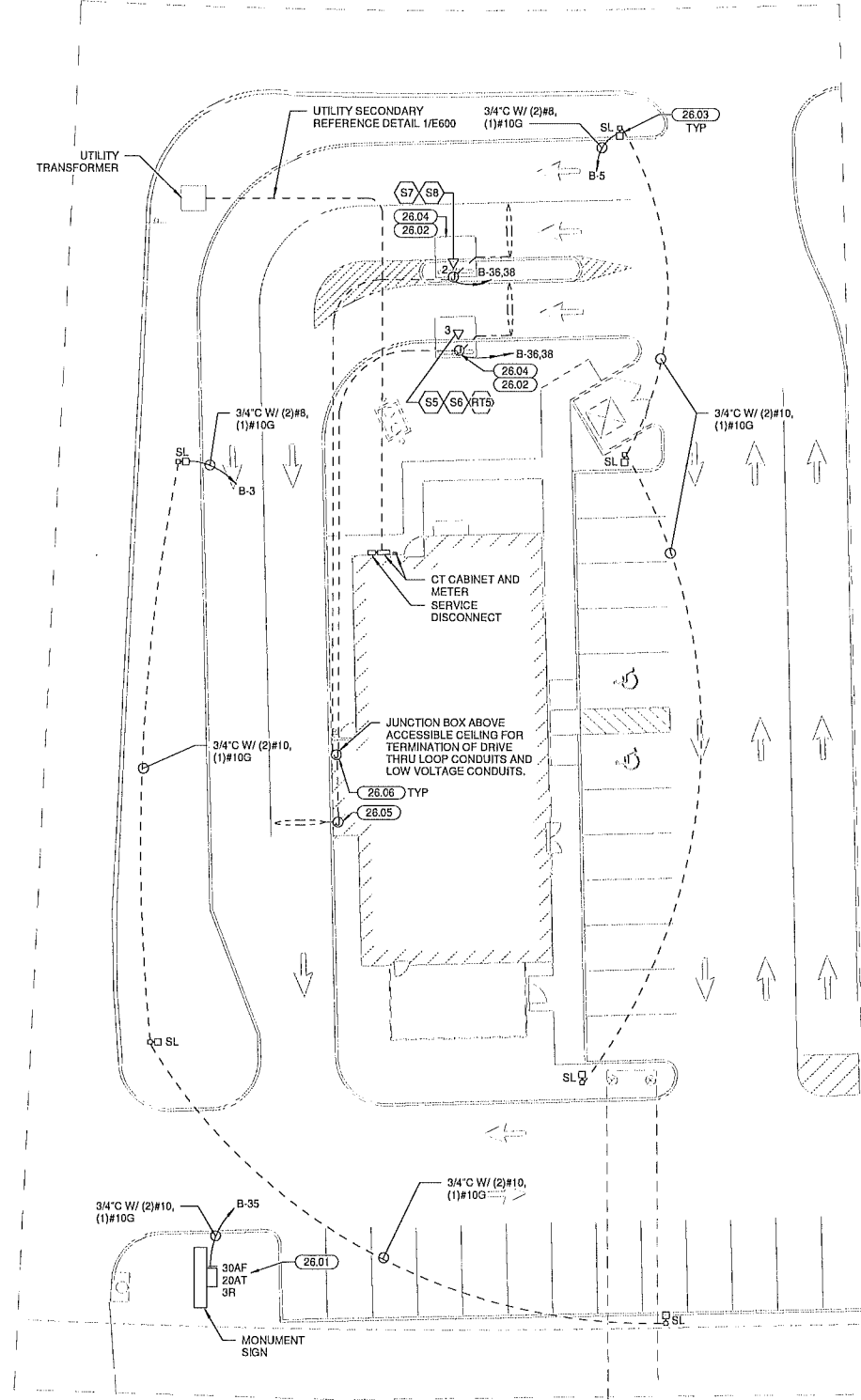
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 CLIENT: JOURNEY-LEFT ARCHITECTS, SAN ANTONIO, TEXAS  
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SITE LIGHT FIXTURE SCHEDULE							
TYPE MARK	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	MOUNTING	VOLTAGE	WATTAGE	LAMP TYPE
SL	SOLAIS	GL3-3511-4WS-74D-STD-SB2-SS	DIE CAST ALUMINUM LED FIXTURE WITH BRONZE FINISH	POLE	120	260.0	LED
							MOUNTING HEIGHT (AFF) 28

- GENERAL NOTES**
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR CALLING TO LOCATE THE EXISTING UTILITIES PRIOR TO TRENCHING.
  - ALL SECONDARY CONDUITS SHALL BE BURIED 2'-0" (MINIMUM) TO TOP OF CONDUIT AND SHALL MEET THE CITY AND UTILITY SPECIFICATIONS FOR BEDDING, BACKFILL AND COMPACTION.
  - ALL SITE LIGHTING AND SIGNAGE CONDUITS SHALL BE BURIED 2'-0" (MINIMUM) TO TOP OF CONDUIT BELOW FINISHED GRADE.
  - PROVIDE MINIMUM OF ONE INCH SPACING BETWEEN ALL POWER CONDUITS AND MINIMUM OF 6 INCHES OF SPACING BETWEEN POWER AND DATA CONDUITS.
  - ELECTRICAL CONTRACTOR TO COORDINATE ALL INSPECTIONS RELATED TO TRENCHING AND COMPACTION.
  - ELECTRICAL CONTRACTOR TO COORDINATE LOCATIONS OF TRENCHES WITH OTHER DISCIPLINES TO ENSURE PROPER SEPARATION OF UTILITIES.
  - ALL CONDUITS FOR SITE LIGHTING, SIGNAGE, AND MENU BOARD SHALL BE INSTALLED IN THE CENTER OF THE CONCRETE FOUNDATION PER THE MANUFACTURER'S CUT SHEETS. COORDINATE ALL LOCATIONS WITH THE GC TO ENSURE NO CONFLICTS EXIST WITH OTHER UTILITIES PRIOR TO INSTALLING THE CONCRETE.
  - REFERENCE STRUCTURAL DRAWINGS FOR ALL LIGHTING AND SIGNAGE FOUNDATIONS.
  - LIGHTING ON ELECTRICAL SITE PLAN IS FOR CIRCUITRY AND CONDUIT SPECIFICATIONS ONLY. REFER TO CIVIL PLANS FOR EXACT LIGHT POLE LOCATIONS.
  - REFERENCE SHEET E120 FOR LOW VOLTAGE SCHEDULE
  - ALL EXTERIOR DISCONNECTS SHOWN ON PLANS SHALL BE RATED FOR EXTERIOR USE, NEMA 3R.

**KEYNOTES**

26.01	PROVIDE NEMA-3R LOCAL MAINTENANCE DISCONNECT COORDINATE FINAL LOCATION WITH SIGNAGE CONTRACTOR AND CONSTRUCTION MANAGER/RUN EXTERIOR SIGNAGE CIRCUITS THROUGH TIMECLOCK DRIVEN CONTRACTOR.
26.02	REFERENCE STRUCTURAL DETAIL 1/5503 FOR MENU BOARD FOUNDATION DETAILS.
26.03	REFERENCE STRUCTURAL DETAIL 3/5503 FOR LIGHT POLE FOUNDATION DETAILS.
26.04	DRIVE THRU MENU BOARD, E.C. TO COORDINATE FINAL LOCATION WITH CONSTRUCTION MANAGER PRIOR TO COMMENCING WORK. E.C. TO PROVIDE AND INSTALL (2)3/4" CONDUITS; EACH WITH (2)#12, #12G FOR POWER, (1) 1/2" CONDUIT WITH PULL STRINGS FOR LOW VOLTAGE, AND (1) 3/4" CONDUIT TO GROUND LOOP.
26.05	3/4" CONDUIT WITH PULL STRING TO BE STUBBED UP INTO DRIVE THRU WALL AND RUN TO JUNCTION BOX ABOVE LAY-IN CEILING.
26.06	GROUND LOOP. DRIVE THRU SENSORS TO BE LOCATED 2 FEET IN FRONT OF CENTER OF MENU BOARD AND DRIVE THRU WINDOW. E.C. TO COORDINATE WITH MANUFACTURER'S REQUIREMENTS FOR ADDITIONAL INFORMATION. E.C. TO COORDINATE WITH CONSTRUCTION MANAGER IN THE EVENT OF A CONFLICT IN THE FIELD.



1 ELECTRICAL SITE PLAN  
1/16" = 1'-0"

2 LIGHT POLE DETAIL



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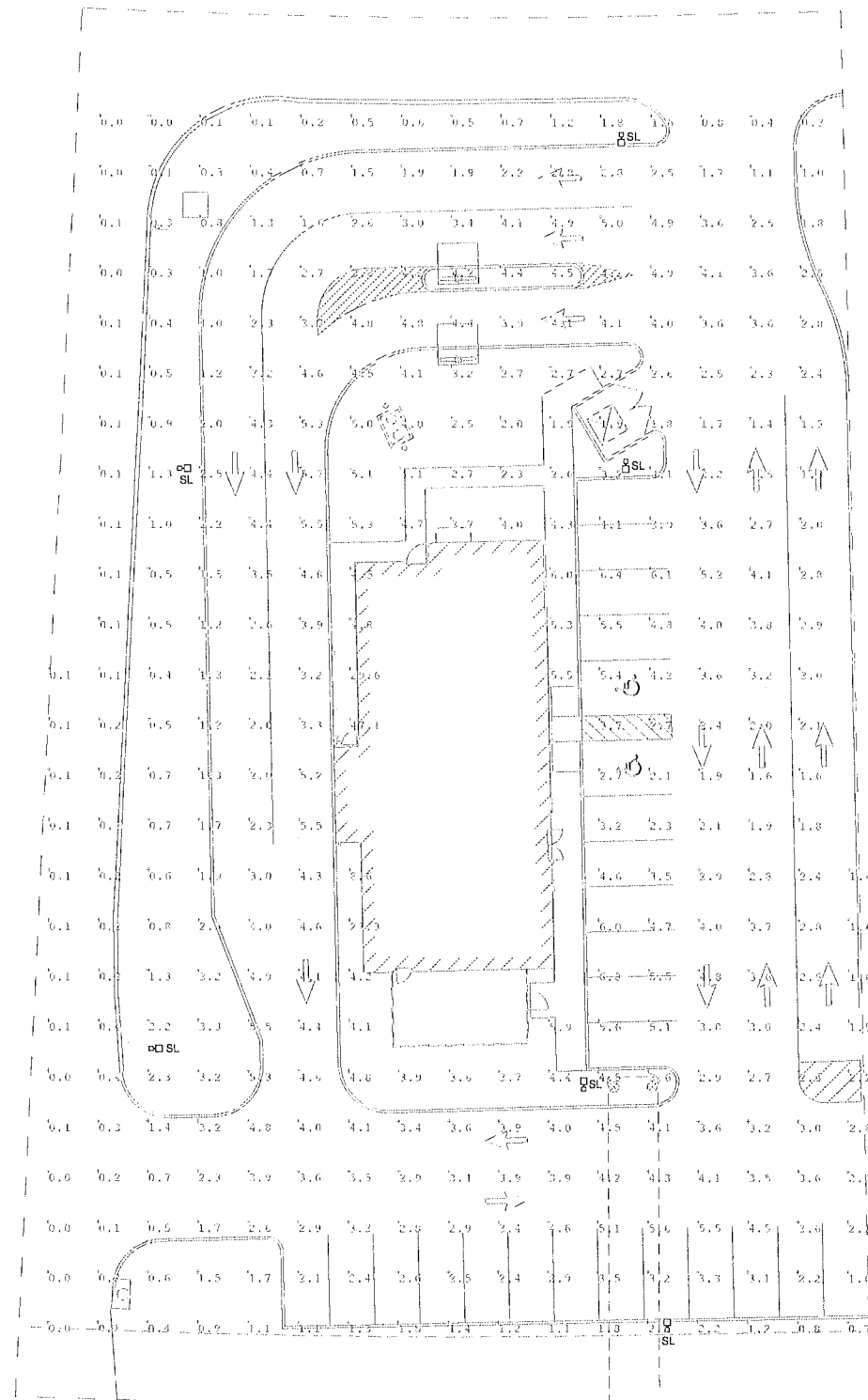

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ELECTRICAL SITE PLAN  
SHEET: E150

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E150 ELECTRICAL SITE PLAN

MATHEW J. RUTKOWSKI  
 C:\Users\mjr\Desktop\New\GIS\Drawings\_San Antonio\Planos\TX LEFT\_MP\_02\_MERGED.DWG  
 4/16/24 SITE PHOTOMETRICS



**1 SITE PHOTOMETRIC PLAN**  
 1/16" = 1'-0"




STATISTICS				
DESCRIPTION	SYMBOL	AVG.	MAX	MIN.
CALC ZONE #1	+	2.87	47.1	0.0



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 PROTO CYCLE: 02/07/24



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**SITE PHOTOMETRICS**

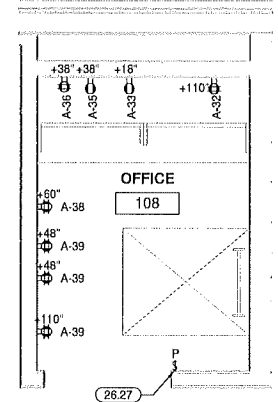
SHEET:  
**E160**



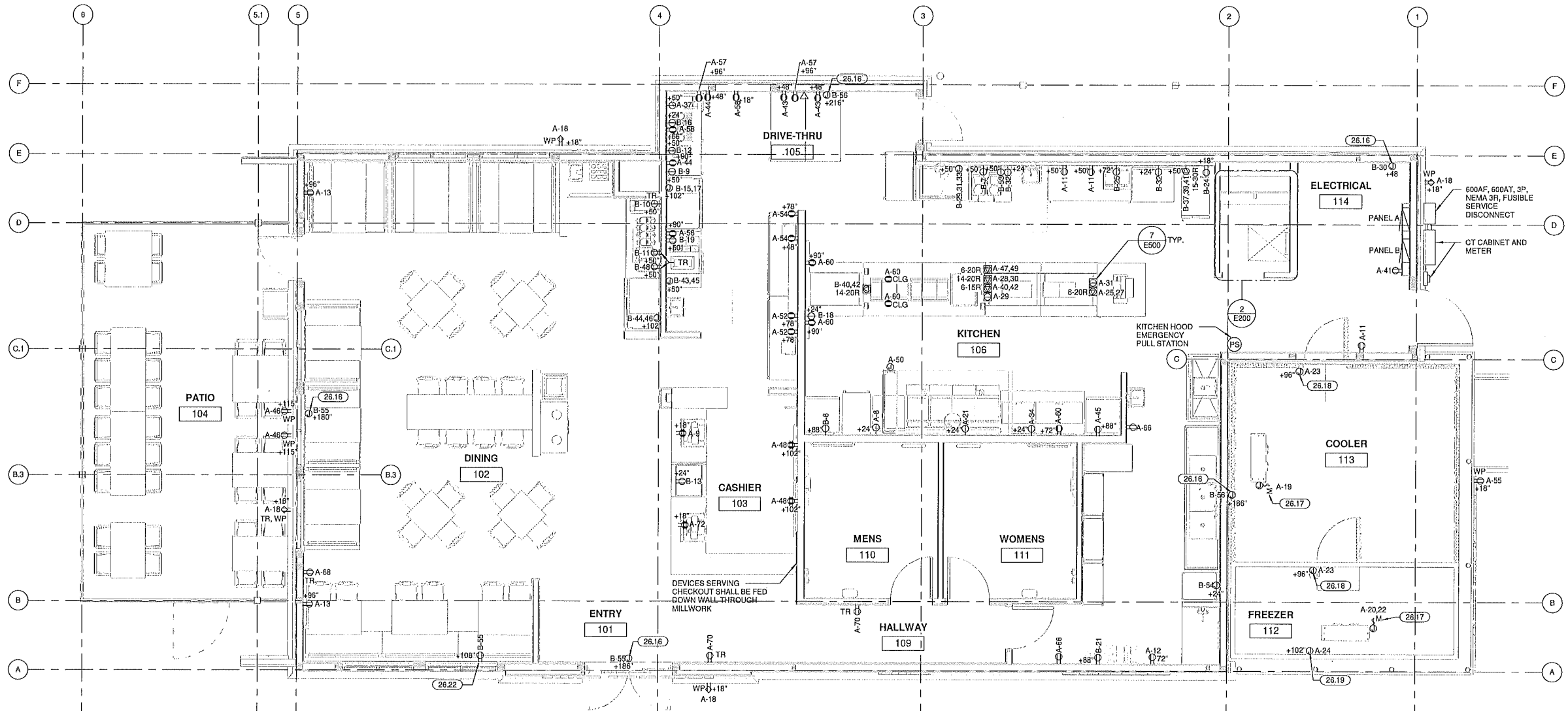
E.C. TO REFER TO SHEET E120 FOR LOW VOLTAGE SCOPE OF WORK. E.C. IS RESPONSIBLE FOR ALL LOW VOLTAGE ROUGH INS, JUNCTION BOXES AND CONDUITS FOR LOW VOLTAGE DEVICES. LOW VOLTAGE CABLES TO BE PROVIDED AND INSTALLED BY IT VENDOR. E.C. IS RESPONSIBLE FOR ALL LOW VOLTAGE SCOPE OF WORK FOR MECHANICAL/HOOD SYSTEMS/REFRIGERATION.

KEYNOTES	
26.16	JUNCTION BOX FOR EXTERIOR SIGNAGE. COORDINATE FINAL LOCATION WITH SIGN VENDOR AND CONSTRUCTION MANAGER PRIOR TO ROUGH IN. E.C. TO PROVIDE NEMA 3R LOCAL MAINTENANCE DISCONNECTING MEANS.
26.17	EVAPORATOR MOTOR SWITCH IN WP ENCLOSURE. REFER TO DETAIL 1/E500 FOR ADDITIONAL INFORMATION.
26.18	WALK IN COOLER/FREEZER DOOR HEATERS PROVIDED WITH FACTORY INSTALLED JUNCTION BOX. E.C. TO MAKE FINAL ELECTRICAL CONNECTIONS.
26.19	E.C. TO INSTALL WEATHERPROOF J-BOX FOR HEAT TRACE. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
26.22	RECEPTACLE FOR OPEN SIGN. E.C. TO COORDINATE FINAL LOCATION WITH SLIMS CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.
26.27	E.C. SHALL PROVIDE (2) SINGLE POLE, MOTOR SWITCHES FOR PATIO GAS HEATERS.

GENERAL NOTES	
1.	ALL ISOLATED GROUND RECEPTACLES BRANCH CIRCUITS SHALL CONTAIN A HOT, NEUTRAL, GROUND AND ISOLATED GROUND CONDUCTOR.
2.	AMPCACITY OF ALL CONDUCTOR SIZES SHOWN ON PLANS ARE BASED ON 75° C RATED TERMINATIONS AND CONDUCTOR INSULATION. CONTRACTOR SHALL FIELD VERIFY EQUIPMENT TEMPERATURE RATINGS OF ALL TERMINATIONS AND ADJUST CONDUCTOR SIZES PER NEC 110.14(C).
3.	ALL WIRING IS COPPER. REFER TO ELECTRICAL SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4.	ALL WALL MOUNTED RECEPTACLES SHALL BE 18" A.F.F ON CENTER. UNLESS NOTED OTHERWISE.
5.	G.C. TO COORDINATE POWER REQUIREMENTS FOR EXTERIOR SIGNAGE.
6.	EACH MULTIWIRE BRANCH CIRCUIT SHALL BE PROVIDED WITH A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT WHERE THE BRANCH CIRCUITS ORIGINATE. NEC 210.4(B).
7.	THE UNGROUNDED AND GROUNDED CONDUCTORS OF EACH MULTIWIRE BRANCH CIRCUIT SHALL BE GROUPED BY WIRE TIES OR SIMILAR MEANS IN AT LEAST ONE LOCATION WITHIN THE PANELBOARD OR OTHER POINT OF ORIGINATION. REF 201.4 NEC (210.4(D)).
8.	FURNISH AND INSTALL CORD AND CAP FOR ALL EQUIPMENT CONNECTED TO NEMA L14 SERIES RECEPTACLES.
9.	CONDUITS THAT ARE EXPOSED TO WIDELY DIFFERENT TEMPERATURES, SUCH AS COOLERS, FREEZERS OR SERVICE ENTRANCE CONDUCTORS, SHALL BE SEALED TO PREVENT CIRCULATION OF AIR AND/OR MOISTURE. REF NEC 300.7(A).
10.	CONDUIT AND WIRING IN AREAS WHERE EXPOSED SHALL BE ROUTED AT 90 DEGREE ANGLES PERPENDICULAR OR PARALLEL TO JOISTS. COORDINATE POSITIONING OF CONDUIT WITH ARCHITECTURAL FINISHES.
11.	DEVICES SHALL BE NEMA 5-20 UNLESS NOTED OTHERWISE. TYP OF 120V-20A CIRCUITS.
12.	SEISMIC ZONE REQUIREMENTS: PROVIDE EXPANSION COUPLINGS AND BRACING FOR ELECTRICAL EQUIPMENT AS REQUIRED BY LOCAL CODES.
13.	REFERENCE HOOD DRAWINGS FOR ELECTRICAL REQUIREMENTS FOR HOOD LIGHTS, SWITCHES, AND FIRE SYSTEM
14.	REFERENCE KITCHEN DRAWINGS FOR ADDITIONAL INFORMATION



2 OFFICE POWER PLAN  
1/2" = 1'-0"



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



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DATE: 10/30/24

ISSUE BLOCK	

CHECKED BY: MJR  
DRAWN BY: JRM  
DOCUMENT DATE: 10/30/24  
PROTO CYCLE: 02/07/24



ELECTRICAL POWER PLAN

SHEET: E200

PROJECT: 24-11-01  
 C:\Users\jared.rutkowski\Documents\24-11-01\24-11-01-ELECTRICAL POWER PLAN



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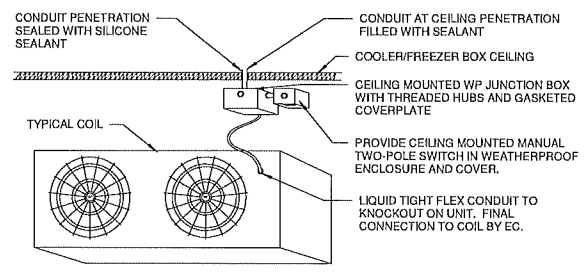
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DOCUMENT DATE: 10/30/24  
PROTO: 01-JOURNEY-LEFT  
PROTO CYCLE: 02/07/24



ENGINEER OF RECORD

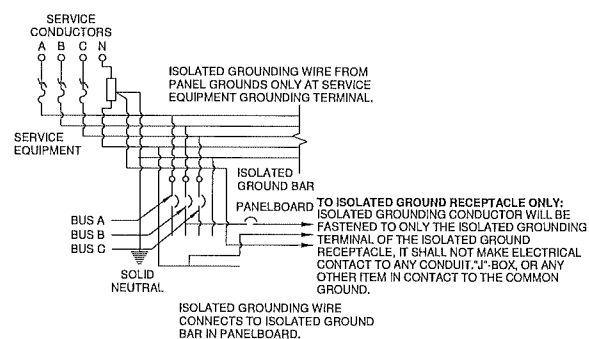
ELECTRICAL  
DETAILS

SHEET:  
E500

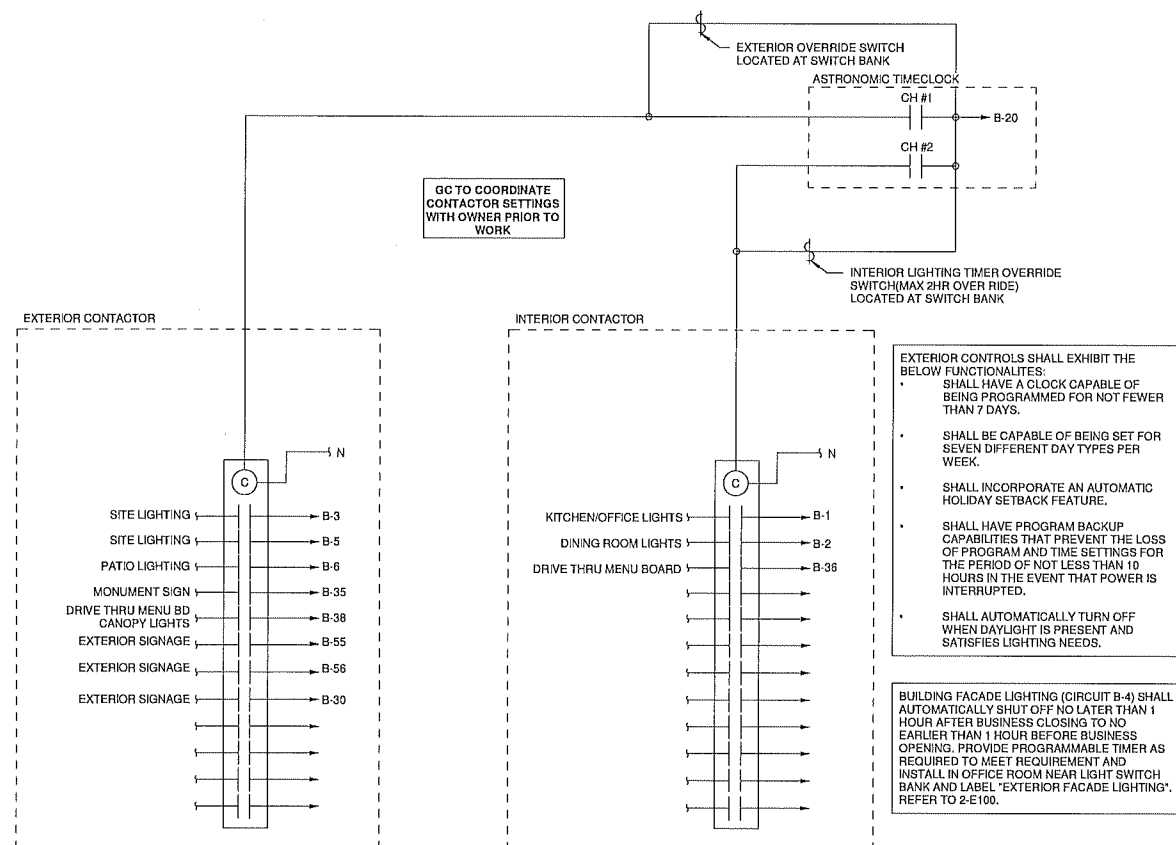


NOTE: DO NOT LOCATE WP JUNCTION BOX DIRECTLY IN FRONT OF DISCHARGE FAN, OFFSET TO SIDE.

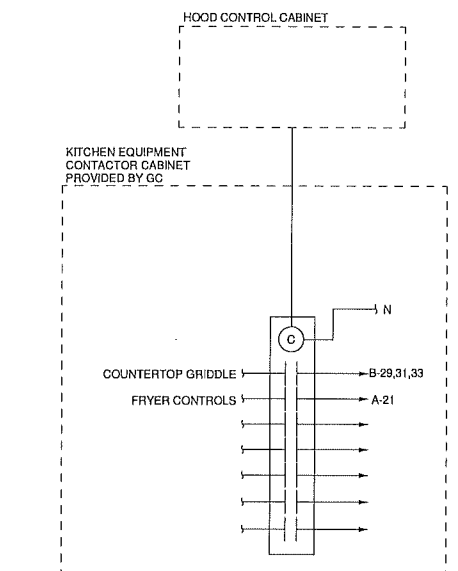
1 EVAPORATOR COIL WIRING  
NTS



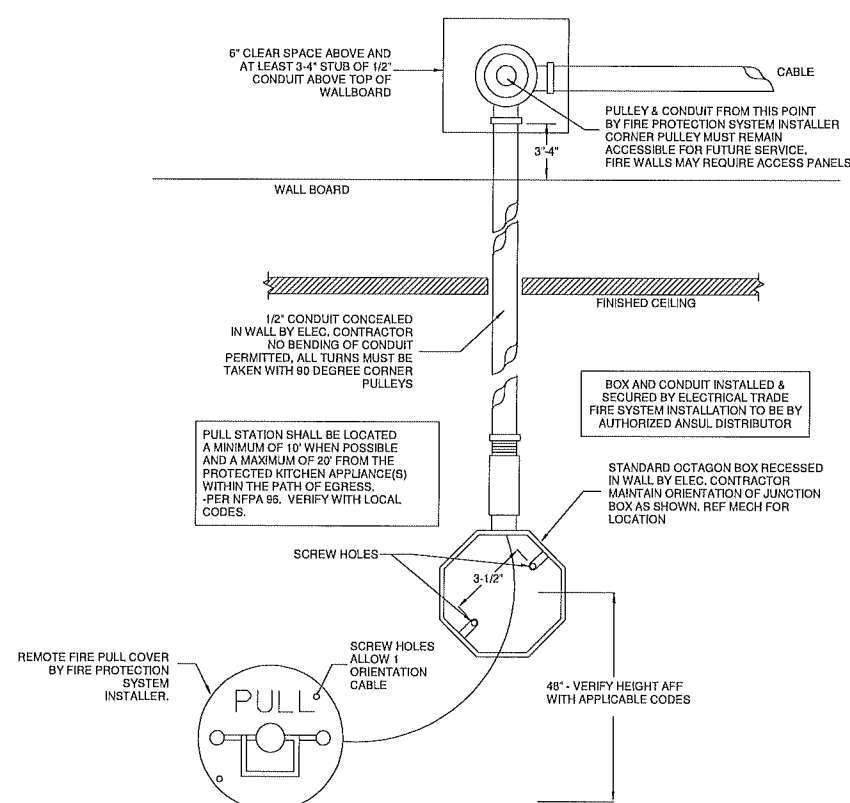
2 ISOLATED GROUND RECEPTACLE WIRING  
NTS



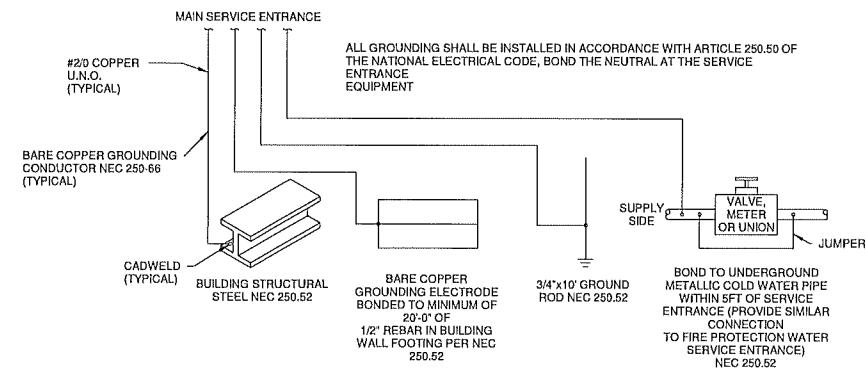
3 LIGHTING CONTACTOR  
NTS



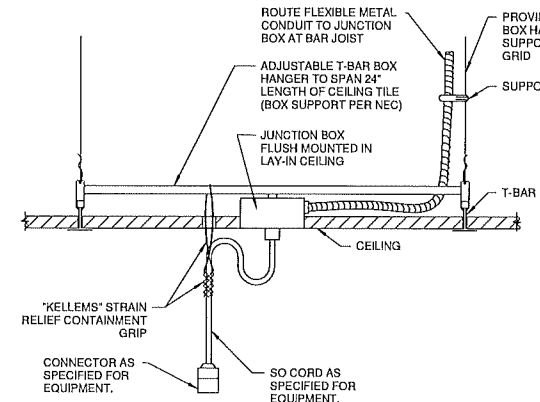
4 KITCHEN CONTACTOR  
NTS



5 ANSUL PULL STATION  
NTS



6 GROUNDING ELECTRODE SYSTEM DETAIL  
NTS



7 DROP CORD STRAIN RELIEF DETAIL  
NTS

10/30/24  
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ELECTRICAL DETAILS

