



Small, Serene, Simply Garnett.

City Commission Meeting

AGENDA

October 22, 2024, 6:00 P.M.

- I. **Call to Order of the Regularly Scheduled City Commission Meeting (6:00 p.m.)**
 - A. Pledge of Allegiance
 - B. Invocation, Sam Stoltzfus, Beacon of Truth.
- II. **Awards & Recognition**
 - A. Recognition of Fire Chief Wesley Skillman, Firefighter Korbin Edgecomb, Officer Clay Perina, and Officer Daniel Frazier.
- III. **Citizens to be Heard (Five-Minute Time Limit Per Person)**
- IV. **Governing Body Comments**
 - A. Commissioner Wiehl
 - B. Commissioner Locke
 - C. Mayor Cole
 - a. Proclamation declaring October 20-26 as National Businesswomen's Week.
- V. **Consent Agenda**
 - A. Approval of Minutes from October 8, 2024, Regular City Commission Meeting.
 - B. Approval of Semi-Monthly Bills and Payroll in the amount of \$692,257.65
- VI. **Regular Business**
 - A. Consideration of the 54th Annual Garnett Area Chamber of Commerce Christmas Parade & Lighting Ceremony Event Agreement.
 - B. Consideration of Ordinance 4267: Public Nudity.
 - C. Consideration of TGT Application from Garnett BPW.
 - D. Consideration of Plan Review for 139 E. 4th Avenue.
- VII. **Staff Updates**
- VIII. **Discussion Items**
 - A. 54th Annual Garnett Area Chamber of Commerce Christmas Parade & Lighting Ceremony.
 - B. Swimming Pool Update.
 - C. Christmas Eve.
 - D. Closing down Lake Garnett (North Lake) and CFAP Agreement.
 - E. City Manager Evaluation.
- IX. **Informational Items**
 - A. Zombie Walk III, hosted by MasonFelt Comedy, will be held at Lake Garnett on October 26.
 - B. The Kansas Rails-to-Trails Fall Extravaganza, hosted by Outlaw 100, will be held at the Prairie Spirit Rail Trail State Park on October 26-27.
 - C. The Light the Night Trunk-or-Treat, hosted by the First Christian Church, will be held at the First Christian Church on October 31.
 - D. The St. Rose Holiday Craft Show & Bierock Sale, hosted by St. Rose School Support, will be held at St. Rose School in November on a date to be determined.
 - E. Small Business Saturday, hosted by the Garnett Area Chamber of Commerce, will be held on November 30.
 - F. The Garnett Fire Department Chili & Soup Supper, hosted by the Garnett Volunteer Fire Department, will be held at the Garnett Fire Station on November 30.
 - G. The 54th Annual Christmas Parade and Lighting Ceremony, hosted by the Garnett Area Chamber of Commerce, will be held on the Town Square on November 30.
- X. **Citizens to be Heard (Five-Minute Time Limit Per Person)**



Small, Serene, Simply Garnett.

City Commission Meeting

AGENDA

October 22, 2024, 6:00 P.M.

- XI. **Signing of Approved City Documents**
- XII. **Executive Session**
- XIII. **Adjournment**

NATIONAL BUSINESSWOMEN'S WEEK® PROCLAMATION

A PROCLAMATION DECLARING THE WEEK OF OCTOBER 20th THROUGH OCTOBER 26th, 2024, AS NATIONAL BUSINESSWOMEN'S WEEK®.

WHEREAS, women constitute 72 million, or almost half, of the nation's work force and strive to serve their communities, their states, and their nation in professional, civic, and cultural capacities; and

WHEREAS, women-owned businesses account for 30% percent of all U.S. business, generating \$1.9 trillion in sales; and employing 9.2 million people; and

WHEREAS, working women should be applauded for their contributions to the workplace and the financial stability of their families, especially during the economic downturn when more women have become their family's breadwinner; and

WHEREAS, the major goals of Garnett Business and Professional Women are to promote equality and equity for all women and to help create better conditions for working women through the study and advocacy of social, educational, and economic issues impacting women in the workplace; and

WHEREAS, since 1933, Women's Week has honored the contributions of working women and employers who support working women and their families;

WHEREAS, since 1933, the Garnett BPW Organization has promoted women in the local community and across the state of Kansas.

Now, Therefore, I, Jody Cole, Mayor of the City of Garnett, Kansas, do hereby proclaim October 20th through October 26th, 2024, as:

Garnett BPW WOMEN'S WEEK

This event is sponsored by Garnett B P W, I urge all citizens in Garnett, all civic and fraternal groups, all educational associations, all news media, and other community organizations to join this salute to women. Encourage and promote the celebration of the achievements of all women as they contribute daily to our economic, civic, and cultural purposes.

IN WITNESS WHEREOF, I have hereunto set my hand this ____ day October 2024.

Jody Cole, Mayor

ATTEST:

Patricia Brewer, City Clerk



The Governing Body of the City of Garnett met in regular session on October 8, 2024, at 6:00 p.m. with the following individuals present; Mayor, Jody Cole; City Commissioners, Mark Locke and Nate Wiehl; City Clerk, Trish Brewer, City Attorney Terry Solander with City Manager Travis Wilson, absent.

CALL TO ORDER

Mayor Cole called the meeting to order at 6:08 p.m.

Technical difficulties with the video

The Pledge of Allegiance was recited.

Invocation, Mayor Jody Cole

Mayor Cole added item B) Fire Department Request to the Regular Business

CITIZENS TO BE HEARD (FIVE-MINUTE TIME LIMIT PER PERSON)

Tracey Modlin presented a check in the amount of \$ 36,000.00 for road project at the North Lake.

Melanie Modlin expressed her concerns with a city employee.

GOVERNING BODY COMMENTS

- *Commissioner Wiehl*

Stated there have been several great events and weather the last few weeks.

- *Commissioner Locke*

Stated there have been several great events and more to come. Recognized the 1st Responders who have taken the call responding to the hurricanes in the southeast states.

- *Mayor Cole*

Antique tractors, airplanes, and pancakes WOW what a weekend.

Read the following Proclamations

Proclamation declaring October as Domestic Violence Awareness Month

Proclamation declaring every Wednesday in October as W.I.N.G.S. Wednesday

CONSENT AGENDA

A. Approval of minutes from September 24, 2024, Regular City Commission Meet.

B. Approval of Semi-Monthly Bills and Payroll in the amount of \$639,168.50

Commissioner Wiehl motioned to approve the Consent Agenda as presented.

Seconded by Commissioner Locke. Motion passed (3) AYE (0) NAY

REGULAR BUSINESS

A. **Consideration of the 54th Annual Garnett Area Chamber of Commerce Parade & Lighting Ceremony Event Agreement.**

Item tabled until October 22nd Commission Meeting

B. **Fire Department request to shut down 4th Street during Open House.**

Mayor Cole motioned to approve the closing of 4th Street in front of the Fire Station on Thursday, October 10th during their open house. Seconded by Commissioner Locke. Motion passed (3) AYE (0) NAY

STAFF UPDATES

A. **Economic Development Director/Grant Writer, Mills.**

Jessica Mills presented updates on YEC, Makerspace Summit in September, Empowerment Expo. in October, Kansas Association of Community Foundations in October, followed with Grant updates.

DISCUSSION ITEMS

A. 54th Annual Garnett Area Chamber of Commerce Christmas Parade & Lighting Ceremony.

Tabled until October 22nd Commission Meeting. Request Chief King attend.

B. Swimming Pool Update

Tabled until October 22nd Commission Meeting.

C. City Manager Evaluation

Tabled until October 22nd Commission Meeting

D. Christmas Bonuses

Mayor Cole motioned to approve Christmas Bonuses for employees at \$250.00 for 2024.

Seconded by Commissioner Wiehl. Motion passed (3) AYE (0) NAY

E. Christmas Eve

Tabled until October 22nd Commission Meeting

F. CFAP/Lake Garnett (North Lake)

Tabled until October 22nd Commission Meeting

INFORMATIONAL ITEMS

A. The 11th Annual Lake Garnett Grand Prix Revival, hosted by the Lake Garnett Grand Prix Revival, will be held at Lake Garnett, Garnett Municipal Airport, and the Town Square on

B. Zombie Walk III, hosted by Masonfelt Comedy, will be held at Lake Garnett on October 26.

C. The Kansas Rails-to-Trails Fall Extravaganza, hosted by Outlaw 100, will be held at the Prairie Spirit Rail Trail State Park on October 26-27.

D. The Light the Night Truck-or-Treat, hosted by the First Christian Church, will be held at the First Christian Church on October 31st.

E. The St. Rose holiday Craft Show & Bierock Sale, hosted by St. Rose School Support, will be held at St. Rose School in November on a date to be determined.

F. Small Business Saturday, hosted by the Garnett Area Chamber of Commerce, will be held on November 30th.

G. The Garnett Fire Department Chili & Soup Supper, hosted by the Garnett Volunteer Fire Department, will be held at the Garnett Fire Station on November 30th.

H. The 54th Annual Christmas Parade and Lighting Ceremony, hosted by the Garnett Area Chamber of Commerce, will be held on the Town Square on November 30th.

CITIZENS TO BE HEARD (FIVE-MINUTE TIME LIMIT PER PERSON)

There were no citizens present.

SIGNING OF DOCUMENTS APPROVED DURING THE COMMISSION MEETING.

ADJOURNMENT

With no further business before The Governing Body, Commissioner Locke made a motion to adjourn the meeting. Commissioner Wiehl seconded the motion. Motion passed (3) AYE (0) NAY

Meeting adjourned at 6:47 p.m.

Mayor

City Clerk

AGREEMENT

THIS AGREEMENT, Made and entered into by and between the CITY OF GARNETT, KANSAS, a Municipal Corporation, by the Mayor, and attested by the City Clerk (hereinafter "City"), and the Garnett Area Chamber of Commerce (hereinafter referred to as "Sponsor").

WITNESSETH: WHEREAS, Garnett Area Chamber of Commerce will sponsor the 52nd Annual Christmas Parade and Lighting Ceremony on November 30, 2024 on the downtown square.

NOW, THEREFORE, the City does hereby grant to the Sponsor the right to conduct said event, closing parking in the middle of 4th Avenue prior to the parade and utilizing the North Lake Park for staging with the parade route including Park Road, Pine Street, 3rd Avenue, Walnut Street, 4th Avenue, Oak Street, 5th Avenue and Main Street on said date upon the following terms and conditions:

1. That the Sponsor shall assume all liability in connection with said event and will indemnify the City in all particulars against any liability, both as to injury or property damage; and
2. The Sponsor agrees to assume any and all responsibility of policing the grounds, including the parking of motor cars and to generally clean up the litter that may accumulate on the grounds; and
3. The Sponsor further agrees to restore the area to its original condition following said event; and
4. The Sponsor agrees to assume the responsibility of coordinating and obtaining approval from all businesses effected by any street closures; and
5. The Sponsor further agrees to have active liability insurance coverage in the amount of at least a minimum of \$500,000/\$1,000,000 naming the City as additional insured.

This Agreement shall be binding upon and shall extend to the successors and assigns of the parties.

IN WITNESS WHEREOF, the said parties have hereunto set their hands this _____ day of _____, 2024.

THE CITY OF GARNETT, KANSAS

BY: _____
Jody Cole, Mayor

ATTEST:

Patricia Brewer, City Clerk



GARNETT AREA CHAMBER OF COMMERCE

BY: _____
President

ATTEST:

Secretary



Garnett Police Department

131 West 5th Avenue

Garnett, Kansas 66032-0230

Telephone
(785) 448-6823

Fax
(785) 448-0088

New proposed Garnett Christmas Parade Route

Attached is the newly proposed Christmas Parade route that I would like to implement. This new route would allow less manpower and is much safer and more controlled than the current route.

I recommend the parade starts at the USD 365 Building, located at 305 N Oak Street. The parade exits southbound and goes downtown by staying on Oak until 5th Ave, then around the square back to Oak St, and finishes back at the USD 365 Building. Oak Street is large enough to have the parade enter and exit on Oak St.

Based on the new parade route, GPD could safely control the parade route with 5 Law Enforcement Officers. Doing this reduces overtime and allows the officers not scheduled to work that weekend to be able to leave town to enjoy the holidays with their families. This would also reduce the number of volunteers the Chambers need to assist with traffic control.

We would shut down Oak St from Park Road to 5th Ave. We would use barricades to block 1st, 2nd, and 3rd streets along with the alleyways, and have volunteers fill in where needed. This would allow officers to cover the main intersections where most of the spectators are located. The parade route would be able to line up Oak Street to First St and use the USD 365 building for the tail-end of the parade. If more space is needed the tail-end of the parade route could flow onto North Walnut, which would still leave one lane of traffic open on Walnut.

I have included a map of the newly proposed route.

The red line is the route.

The Green Line represents barricades.

The blue dots are Law Enforcement

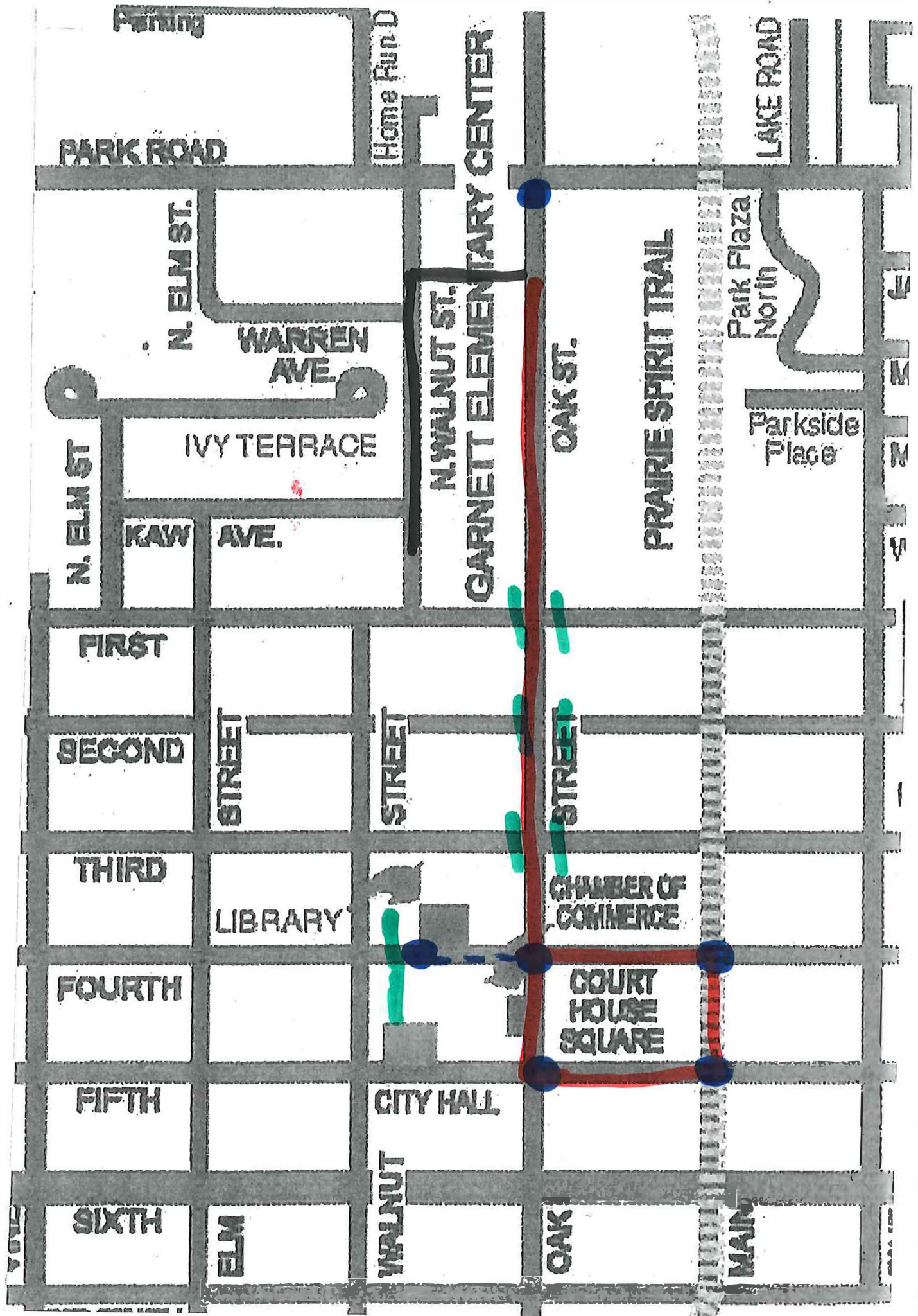
The Black line at the USD 365 Building that goes on to Walnut St is the parade overflow northbound lane only.

Sincerely,

Kurt King

Chief of Police

City of Garnett



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**AN ORDINANCE DEFINING PUBLIC NUDITY AND DECLARING PUBLIC NUDITY
TO BE UNLAWFUL.**

=====

BE IT ORDAINED BY THE GOVERNING BODY OF THE CITY OF GARNETT,
KANSAS:

SECTION 1. The following words or phrases, when used in
this ordinance, shall have the following meanings:

(a) "Nudity" means less than completely or opaquely covering
and exposing to view:

(1) Human male or female genitals; or,

(2) Any portion of the anal cleft or cleavage of the
male or female buttocks. Attire that is insufficient
to comply with this requirement includes, but is not
limited to, G-strings, T-backs, thongs or any other
clothing that does not completely or opaquely cover the
anal cleft or cleavage of the male or female buttocks.

(b) "Person" means any live human being aged five (5) or
older.

(c) "Places Set Apart for Nudity" means public places
outside of the home where nudity or exposure is necessary and
customarily expected; including, but not limited to, public
restrooms, enclosed single-sex functional shower, locker and/or
dressing room facilities, enclosed motel rooms and hotel rooms
designed and intended for sleeping accommodations, portions of
doctors' offices and hospitals set apart for this purpose.

(d) "Public Place" means any location frequented by the
public, or where the public is present or likely to be present,
including, but not limited to, streets, avenues, highways, roads,
waterways, stores, meeting facilities, churches or other similar
places of worship, or business or commercial establishments
(whether for profit or not for profit and whether open to the
public at large or where entrance is limited by cover charge or
membership) within the corporate boundaries of the City of
Garnett, Kansas. This definition shall include any commercial
establishment featuring live sexually oriented entertainment,
including but not limited to, cabarets, adult arcades, adult
dance studios and nightclubs.

Section 2. It is unlawful for any person knowingly or
intentionally to appear in a state of nudity in a public place.

Upon conviction, a person found to have violated this section shall be punished as provided in the general penalty provisions of the Garnett Municipal Code.

SECTION 3. The prohibition set forth in Section 2 above shall not apply to the following:

(a) Places set apart for nudity, but this exception does not include the use of a place set apart for nudity to be used for a purpose not intended by that place, including any sexual conduct, including sexual conduct for profit, promotion of business or commercial exploitation.

(b) Any theater, concert hall or art center, museum or similar establishment that is primarily devoted to the arts or theatrical performances and in which nudity is incorporated into the art exhibit or theatrical performance and is not a mere guise or pretense used to exploit the conduct of being nude for profit or commercial gain.

(c) Nudity incorporated into an educational curriculum at an accredited university, technical school or institution whose classes may transfer to an accredited university or technical school.

SECTION 4. This ordinance shall take effect and be in force, from and after its passage and its publication in an official newspaper of the City of Garnett, Kansas.

PASSED this ____ day of _____, 2024.

Mayor

ATTEST:

City Clerk

**MINUTES
APPROVED AS WRITTEN
CITY OF GARNETT, KANSAS
PLANNING COMMISSION**

AUGUST 20, 2024

The August 20, 2024, regular meeting of the Garnett Planning Commission was called to order at 1801 by Chair Mersman. Other members present were Commissioners Landis, Mills, Norman, and Thomas. Absent were Vice-Chair Peterson and Commr. Frye. Also present was Zoning Administrator Mills.

The chair called for the approval of the minutes of the July meeting. Commr. Landis so moved. Commr. Norman seconded. Motion carried 5-0.

The chair next called for the presentation of requests or petitions. There were none.

There was no old business.

Chair Mersman called for the first item of new business, recommendation of plan review approval for new construction at 139 E 4th Ave, Kristi Colvin, owner. ZA Mills explained that the plans originally submitted by QSI on behalf of the owner were reviewed and approved, except that the roofline was inconsistent with the request of the Planning Commission. He also stated that he recently received the corrected plans to conform with the aforementioned request. He further advised that he had reviewed the plans and found them to comply with the requirements of the IBC and Municipal Code. Commr. Norman moved to forward to the governing body a recommendation of approval of the plan review. Landis provided the second. Motion carried 5-0.

The Chair then call for the next item of new business, a public hearing regarding amending the sign regulations pertaining to the placement of political signs. ZA Mills explained that, during the June meeting the Planning Commission forwarded a proposed ordinance opening the regulation on the placement of political signs from 28 days to 90 days, in order to comply with the appropriate statute. Following the protest period, Mills took the proposed ordinance to the governing body, who remanded the matter back to the Planning Commission for further review, with the remarks that they believed the proposed ordinance was still too restrictive.

After discussion, Commr. Norman moved to forward a proposed ordinance eliminating the time restriction. Landis seconded. During the post-motion discussion, Commr. Mills moved to amend the question by adding a 180-day restriction to the proposed ordinance. Chair Mersman seconded. Motion carried 3-2. The Commission then voted on the original question, and the motion carried 3-1-1.

The Chair then called for discussion items. There were none.

Commr. Norman then moved to adjourn. Landis seconded. Motion carried 5-0.

There being no other business before this board, the meeting was adjourned at 1828 hours, with the next regular meeting scheduled for September 17, 2024.

AGENDA
CITY OF GARNETT
PLANNING COMMISSION

OCTOBER 15, 2024

I. Call to Order

II. Approval of the minutes of previous meeting

III. Presentation of requests or petitions

IV. Old Business

V. New Business

A. Consider recommendation of plan review approval for new construction at 139 E 4th Ave,
Kristi Colvin, Owner

VI. Discussion items

VII. Adjournment

**MINUTES
(NOT YET APPROVED)
CITY OF GARNETT, KANSAS
PLANNING COMMISSION**

OCTOBER 15, 2024

The October 15, 2024, regular meeting of the Garnett Planning Commission was called to order at 1802 by Chair Mersman. Other members present were Commissioners Landis, Mills, Norman, and Thomas. Also present was Zoning Administrator Mills.

The chair called for the approval of the minutes of the August meeting. Commr. Landis moved to approve, and Norman provided the second. Motion carried 5-0.

There were no requests or petitions for presentation. Likewise, there was no old business.

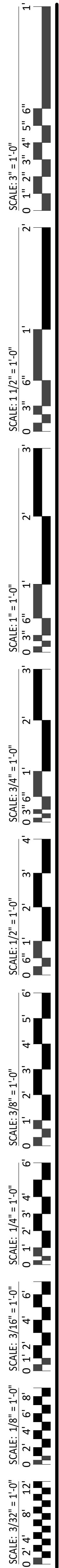
The chair then called for the new business. ZA Mills stated that he received MEP plans for the new construction at 139 E 4th Ave. He explained that the copy he received did not bear the seal of a registered design professional as required by the International Building Code and the Zoning Regulations. He went on to explain that he contacted the Engineering Firm that prepared the documents. A representative of the firm explained to Mills that the plans had indeed been reviewed by a Professional Engineer, but did not bear his seal because the copy Mills received was intended for modification/markup by the client, and to distribute to subcontractors for bidding purposes. He further advised Mills that a sealed set of plans would be completed and delivered upon their completion.

After some discussion, Landis moved to forward a recommendation of approval of the plan review, contingent upon the receipt of sealed plans within 30 days. Norman seconded. Motion carried 5-0.

Chair Mersman next asked for discussion items. ZA Mills told the body that the October meeting would be his last, as he had accepted a position working for the County Attorney, and his replacement would be starting before the next meeting. He also gave updates on the Cleveland Villas project, and the web-based permit and contractor platform, Cloudpermit.

Norman then moved to adjourn and Landis seconded. Motion carried 5-0.

There being no other business before this body, the meeting was adjourned at 1824 hours, with the next regular meeting scheduled for November 19, 2024.



MPE SYMBOLS LEGEND

NOT ALL SYMBOLS, ABBREVIATIONS, ETC. SHOWN IN MPE SYMBOLS LEGEND WILL BE USED ON THE DRAWINGS.

STANDARD MOUNTING HEIGHTS

CONTROLS (TOP OF DEVICE)	48"
RECEPTACLES	18"
RECEPTACLES (EXTERIOR)	24"
RECEPTACLES (GARAGES)	24"
RECEPTACLES (ABOVE COUNTER)	4" ABOVE BACKSPLASH/COUNTER
RECEPTACLES IN EQUIPMENT ROOMS	44"
DATA OUTLETS	SAME AS ADJACENT DEVICE, UNO
TELEVISION OUTLETS	REFER TO ARCH DRAWINGS

DEFAULT MOUNTING HEIGHTS SHOWN ABOVE TO BE USED UNLESS NOTED OTHERWISE BY ARCHITECT OR IN CONSTRUCTION DOCUMENTS. ALL DEVICES SHALL BE INSTALLED IN COMPLIANCE WITH CURRENT ADA AND LOCAL REQUIREMENTS.

INSTALLATION HEIGHT OF ALL FIRE ALARM DEVICES SHALL BE AS REQUIRED BY THE LATEST EDITION OF NFPA 72. COORDINATE WITH EQUIPMENT MANUFACTURER BASED ON ACTUAL PROVIDED EQUIPMENT.

REFER TO ARCHITECTURAL ELEVATIONS FOR PLUMBING FIXTURE MOUNTING HEIGHTS, UNLESS NOTED OTHERWISE.

WALL CLEANOUT	12" AFF
TANK WATER CLOSET COLD WATER SUPPLY	12" AFF
ROUGH-IN HOSE BIBBS	36" AFF TO CENTER

ANNOTATIONS

	INDICATES CONNECTION TO EXISTING SYSTEM
	INDICATES DEMO FROM EXISTING SYSTEM
	PLAN NOTE REFERENCE
	DETAIL REFERENCE UPPER NUMBER INDICATES DETAIL NUMBER LOWER NUMBER INDICATES SHEET NUMBER
	SECTION REFERENCE UPPER NUMBER INDICATES DETAIL NUMBER LOWER NUMBER INDICATES SHEET NUMBER
	MECHANICAL EQUIPMENT DESIGNATION
	PLUMBING EQUIPMENT DESIGNATION w/ WASTE CONNECTION SIZE
	SYMBOL OFFSET FOR VERTICALLY STACKED DEVICES

DUCTWORK

	EQUIPMENT WITH FLEXIBLE DUCT CONNECTION
	SUPPLY AIR DUCT UP
	RETURN / EXHAUST AIR DUCT UP
	SUPPLY AIR DUCT DOWN
	RETURN / EXHAUST AIR DUCT DOWN
	FLEXIBLE DUCT
	ELBOW WITH TURNING VANES
	MANUAL BALANCE DAMPER
	MOTORIZED DAMPER
	CONTROL DAMPER
	RELIEF DAMPER
	BACKDRAFT DAMPER
	FIRE DAMPER
	SMOKE DAMPER
	FIRE / SMOKE DAMPER
	BAR GRILLE
	SPIN-IN BRANCH DUCT CONNECTOR - WITH DAMPER IF SHOWN
	HIGH EFFICIENCY BRANCH DUCT CONNECTOR - WITH DAMPER IF SHOWN
	DUCT MOUNTED GRILLE / WALL GRILLE
	SUPPLY AIR DIFFUSER
	RETURN AIR DIFFUSER
	LINEAR SLOT DIFFUSER
	DIFFUSER, GRILLE, OR REGISTER TYPE
	CFM CONNECTION SIZE

TEMPERATURE CONTROLS

	RTU 1 THERMOSTAT / TEMPERATURE SENSOR SERVING RTU 1
	HUMIDITY SENSOR / HUMIDISTAT
	REMOTE TEMPERATURE SENSOR
	REMOTE HUMIDITY SENSOR
	CARBON DIOXIDE SENSOR
	OCCUPANCY SENSOR
	CARBON MONOXIDE SENSOR
	STATIC PRESSURE SENSOR
	DIFFERENTIAL PRESSURE TRANSMITTER
	FLOW METER
	DUCT SMOKE DETECTOR

LIGHTING

	LIGHT FIXTURE
	CENTER LINE INDICATES ARCHITECTURAL BASKET ORIENTATION, WHERE APPLICABLE
	ARROW INDICATES AIMING DIRECTION
	SUSPENDED LIGHT FIXTURE
	LIGHT FIXTURE CIRCUITED AS NIGHT LIGHT
	EMERGENCY LIGHT FIXTURE WITH EMERGENCY BATTERY PACK OR CONNECTED TO EMERGENCY SOURCE
	NIGHT LIGHT/EMERGENCY LIGHT FIXTURE WITH EMERGENCY BATTERY PACK OR CONNECTED TO EMERGENCY SOURCE
	A = LIGHT FIXTURE TYPE a = LIGHT FIXTURE CONTROL C# = LIGHTING CONTACTOR # 15 = CIRCUIT
	LIGHTING TRACK WITH LIGHT FIXTURE TYPES AS INDICATED
	EXTERIOR SITE PARKING LOT LIGHT FIXTURE WITH NUMBER OF HEADS INDICATED
	EXIT SIGN - CEILING / WALL MOUNTED, ARROWS AS INDICATED, FACE HATCHED
	EMERGENCY LIGHTING UNIT EQUIPMENT WITH BATTERY PACK - CEILING / WALL MOUNTED
	CEILING FAN

LIGHTING CONTROL DEVICES

	SINGLE POLE SWITCH
	SWITCH, LETTER DESIGNATION AS FOLLOWS:

	2 = TWO POLE 3 = THREE-WAY 4 = FOUR-WAY D = DIMMER K = KEYS LV = LOW VOLTAGE M = MOMENTARY CONTACT OS = OCCUPANCY SENSOR VA = VACANCY SENSOR WP = WEATHERPROOF
	CEILING MOUNT OCCUPANCY/VACANCY SENSOR
	WALL MOUNT OCCUPANCY/VACANCY SENSOR
	EMERGENCY LIGHTING AUTOMATIC LOAD CONTROL DEVICE
	ROOM CONTROLLER - REFER TO SCHEDULE FOR MORE INFORMATION
	POWER PACK - REFER TO SCHEDULE FOR MORE INFORMATION

REFER TO LIGHTING DEVICE SCHEDULE FOR MORE DEVICE INFORMATION.

POWER EQUIPMENT

	ELECTRICAL PANELBOARD (SURFACE OR FLUSH MOUNTED)
	ELECTRICAL DISTRIBUTION PANELBOARD
	TRANSFORMER - THIN OUTLINE INDICATES EQUIPMENT PAD EXTENDING 6" FROM EQUIPMENT WHERE FLOOR MOUNTED
	DISCONNECT SWITCH - *60/3/60/3R* DENOTES AMPERES/POLE/FUSE/NEMA ENCLOSURE RATING, NF = NON-FUSED, CB = CIRCUIT BREAKER, INT = INTEGRAL DISCONNECT, NO VALUE FOR NEMA ENCLOSURE MEANS STANDARD NEMA 1 RATING
	COMBINATION DISCONNECT SWITCH - *60/3/60/0/3R* DENOTES AMPERES/POLE/FUSE/STARTER SIZE/NEMA ENCLOSURE RATING, NF = NON-FUSED, CB = CIRCUIT BREAKER, INT = INTEGRAL DISCONNECT, NO VALUE FOR NEMA ENCLOSURE MEANS STANDARD NEMA 1 RATING
	PANELBOARD, MULTIPLE SECTIONS WHERE SHOWN (REFER TO SCHEDULES)
	HOME RUN CONDUIT
	CONDUIT TURNING UP
	CONDUIT TURNING DOWN
	GENERATOR ANNUNCIATOR PANEL
	GENERATOR CONTROL PANEL
	VARIABLE FREQUENCY DRIVE

WIRING DEVICES & OUTLETS

	SIMPLEX RECEPTACLE
	DUPLEX RECEPTACLE
	GFCI DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE
	DOUBLE DUPLEX GFCI RECEPTACLE
	SPECIAL TYPE RECEPTACLE - NEMA TYPE AS NOTED
	CONTROLLED RECEPTACLE
	INDICATES RECEPTACLE PROTECTED BY GFCI BREAKER
	RECEPTACLE INSTALLED ABOVE COUNTER OR BACKSPLASH
	RECEPTACLE INSTALLED VIA DROP CORD
	RECEPTACLE, LETTER DESIGNATION AS FOLLOWS:
	EM = EMERGENCY RECEPTACLE H = HORIZONTALLY MOUNTED IG = ISOLATED GROUND USB = USB/DUPLEX WP = WEATHER PROOF COVER WR = WEATHER RESISTANT TR = TAMPER RESISTANT TV = TELEVISION 60" = MOUNTING HEIGHT TO CENTER OF DEVICE
	TOGGLE DISCONNECT SWITCH, RATING AS INDICATED
	M = MOTOR RATED INT = INTEGRAL DISCONNECT
	PUSH BUTTON
	TELEPHONE OUTLET
	DATA OUTLET, #B INDICATES NUMBER OF DROPS
	DATA / TELEPHONE COMBINATION OUTLET
	DATA OUTLET INSTALLED ABOVE COUNTER OR BACKSPLASH
	COAX OUTLET
	COAX OUTLET INSTALLED ABOVE COUNTER OR BACKSPLASH
	MULTI-SERVICE FLOOR BOX WITH DATA AND POWER OUTLETS; SEE SCHEDULE FOR MORE INFORMATION.
	MULTI-SERVICE POKE THROUGH WITH DATA AND POWER OUTLETS; SEE SCHEDULE FOR MORE INFORMATION.
	MULTI-SERVICE WALL BOX WITH DATA AND POWER OUTLETS; SEE SCHEDULE FOR MORE INFORMATION.
	JUNCTION BOX (JBOX)
	SINGLE POINT ELECTRICAL CONNECTION
	EMERGENCY POWER OFF BUTTON
	FURNITURE POWER BASE FEED
	FURNITURE DATA BASE FEED
	CEILING MOUNTED DEVICE
	EV CHARGING STATION; SEE SCHEDULE FOR MORE INFORMATION.

ELECTRICAL ONE-LINE & RISER DIAGRAM

	FEEDER SYMBOL - REFER TO FEEDER SCHEDULE
	UTILITY METER (AS REQUIRED BY UTILITY)
	SURGE PROTECTION DEVICE
	GROUND CONNECTION
	MOTOR
	CIRCUIT BREAKER (RATING AS INDICATED)
	FUSED DISCONNECT SWITCH (RATING AS INDICATED)
	TRANSFORMER (TYPE AND RATINGS AS INDICATED)
	AUTOMATIC TRANSFER SWITCH (RATINGS AS INDICATED)
	GENERATOR (RATINGS AS INDICATED)
	NON-SEPARATELY DERIVED SOURCE
	SEPARATELY DERIVED SOURCE
	PANELBOARD, MULTIPLE SECTIONS WHERE SHOWN (REFER TO SCHEDULES)

FIRE ALARM DEVICES

	FIRE ALARM RELAY
	WATER FLOW SWITCH
	VALVE TAMPER SWITCH
	FAN SHUTDOWN RELAY
	FIRE ALARM STROBE - WALL MOUNTED
	FIRE ALARM STROBE - CEILING MOUNTED
	MANUAL FIRE ALARM PULL STATION
	FIRE ALARM BELL
	FIRE HORN AND STROBE - WALL MOUNTED
	FIRE HORN
	FIRE SPEAKER - WALL MOUNTED
	FIRE SPEAKER - CEILING MOUNTED
	FIRE SPEAKER AND STROBE - WALL MOUNTED
	FIRE ALARM CONTROL PANEL
	FIRE ALARM SUB PANEL
	FIRE ALARM ANNUNCIATOR PANEL
	LOCAL OPERATOR CONSOLE
	CARBON MONOXIDE DETECTOR
	CARBON DIOXIDE DETECTOR
	CEILING SMOKE DETECTOR
	DUCT SMOKE DETECTOR
	CEILING SMOKE DETECTOR WITH LOW-FREQUENCY SOUNDER BASE
	COMBINATION CEILING SMOKE AND CARBON MONOXIDE DETECTOR
	THERMAL DETECTOR (HEAT)
	ELECTRIC DOOR HOLDER
	FIREMAN'S TELEPHONE OUTLET

PLUMBING EQUIPMENT

	FLUSH FLOOR CLEANOUT
	FLUSH GRADE CLEANOUT
	WALL CLEANOUT
	ROOF DRAIN
	FLUSH DRAIN
	FLOOR SINK
	HOSE BIB
	WALL HYDRANT
	PLUMBING FIXTURE (REFER TO SCHEDULE)

PIPE FITTINGS AND VALVES

	SHUT-OFF VALVE
	CHECK VALVE
	CIRCUIT BALANCE VALVE
	TRIPLE DUTY VALVE
	SOLENOID VALVE
	STRAINER
	STRAINER WITH BLOWOFF
	TWO-WAY CONTROL VALVE
	THREE-WAY CONTROL VALVE
	PRESSURE REDUCING VALVE
	AIR VENT
	PRESSURE GAUGE
	THERMOMETER
	BACKFLOW PREVENTER
	EXPANSION JOINT
	PIPE ANCHOR
	REDUCER
	CAP
	ELBOW UP
	ELBOW DOWN
	TEE UP
	TEE DOWN
	FIRE DEPARTMENT CONNECTION

PLUMBING PIPING

	WASTE LINE ABOVE FLOOR
	WASTE LINE BELOW FLOOR
	GREASE WASTE LINE ABOVE FLOOR
	GREASE WASTE LINE BELOW FLOOR
	VENT LINE
	RADON MITIGATION
	DOMESTIC COLD WATER (CW)
	DOMESTIC HOT WATER (HW)
	DOMESTIC HOT WATER RECIRCULATION (HWC)
	DOMESTIC SOFT COLD WATER (SCW)
	DOMESTIC WATER SERVICE
	DOMESTIC TEMPERED HOT WATER
	140 DEGREE DOMESTIC HOT WATER
	ROOF DRAIN ABOVE FLOOR
	ROOF DRAIN BELOW FLOOR
	OVERFLOW ROOF DRAIN ABOVE FLOOR
	ACID WASTE ABOVE FLOOR
	ACID WASTE BELOW FLOOR
	ACID VENT
	COMPRESSED AIR
	NATURAL GAS
	SUMP PUMP ABOVE FLOOR
	SUMP PUMP BELOW FLOOR

MECHANICAL PIPING

	CHILLED WATER SUPPLY
	CHILLED WATER RETURN
	HOT-CHILLED WATER SUPPLY
	HOT-CHILLED WATER RETURN
	HEATING HOT WATER SUPPLY
	HEATING HOT WATER RETURN
	HEAT PUMP SUPPLY
	HEAT PUMP RETURN
	CONDENSATE DRAIN
	REFRIGERANT LIQUID
	REFRIGERANT SUCTION
	LOW PRESSURE STEAM
	STEAM CONDENSATE

LINETYPE LEGEND

	EXISTING TO REMAIN
	NEW WORK
	DEMOLISH

NURSE CALL

	NURSE CALL MASTER STATION
	NURSE CALL ANNUNCIATION PANEL
	NURSE CALL SWITCH PANEL
	NURSE CALL ROOM STATUS CORRIDOR LIGHT - WALL MOUNT
	NURSE CALL ROOM STATUS CORRIDOR LIGHT - CEILING MOUNT
	NURSE CALL CORRIDOR LIGHT - WALL MOUNT
	NURSE CALL CORRIDOR LIGHT - CEILING MOUNT
	NURSE CALL PATIENT STATION - SINGLE CALL CORD
	NURSE CALL PATIENT STATION - DOUBLE CALL CORD
	NURSE CALL DUTY STATION
	NURSE CALL EMERGENCY STATION - PULL CORD
	NURSE CALL EMERGENCY STATION - PUSH BUTTON
	NURSE CALL CODE BLUE STATION

COMMUNICATION

	CEILING MOUNTED INTERCOM SPEAKER
	WALL MOUNTED INTERCOM SPEAKER
	CEILING MOUNTED WIRELESS ACCESS POINT
	WALL MOUNTED WIRELESS ACCESS POINT
	CEILING MOUNTED MICROPHONE
	WALL MOUNTED MICROPHONE
	RECEIVER

SECURITY

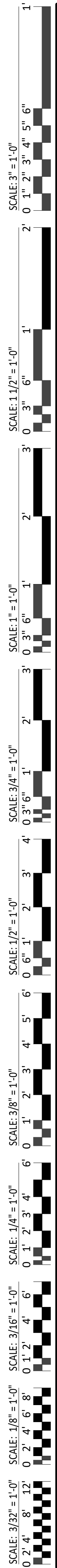
	WALL MOUNTED CLOSED CIRCUIT TELEVISION CAMERA; 90 = DEGREES OF VIEW
	CEILING MOUNTED CLOSED CIRCUIT TELEVISION CAMERA; 90 = DEGREES OF VIEW
	CLOSED CIRCUIT TELEVISION CAMERA WITH ONE WAY AUDIO
	CLOSED CIRCUIT TELEVISION CAMERA WITH TWO WAY AUDIO
	PANORAMIC CLOSED CIRCUIT TELEVISION CAMERA
	ACCESS CONTROL PANEL
	ALARM CONTROLLER
	POWER SUPPLY UNIT
	CARD READER
	CARD READER AND KEYPAD COMBO
	DOOR CONTACT
	DOOR OPERATOR
	ELECTRIC DOOR LOCK
	ELECTRIC STRIKE
	GLASS BREAK
	HAND WAVE DOOR OPENER
	KEYPAD
	MAGNETIC LOCK
	PANIC BUTTON
	PASSIVE INFRARED MOTION DETECTOR
	REQUEST TO EXIT BUTTON
	REQUEST TO EXIT SENSOR
	REQUEST TO ENTER BUTTON
	SECURITY MONITOR

ABBREVIATIONS

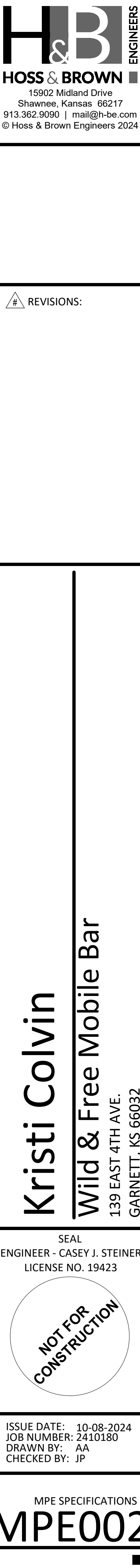
A/C	AIR CONDITIONING
AD	ACCESS DOOR
ADA	AMERICANS WITH DISABILITIES ACT
AF	AMPERE FRAME SIZE
AFC	ABOVE FINISHED CEILING
AFB	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHJ	AUTHORITY HAVING JURISDICTION
AHU	AIR HANDLING UNIT
AIC	AMPERE INTERRUPTING CAPACITY
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
AS	AMPERE SWITCH

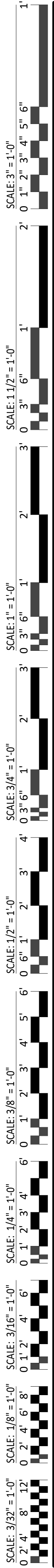
ABBREVIATIONS (CONT.)

AT	AMPERE TRIP SETTING
ATS	AUTOMATIC TRANSFER SWITCH
AV	AIR VENT
BAS	BUILDING AUTOMATION SYSTEM
BCU	BLOWER COIL UNIT
BFF	BELOW FINISHED FLOOR
BFG	BELOW FINISHED GRADE
BHP	BRAKE HORSEPOWER
BOD	BOTTOM OF DUCT
BOP	BOTTOM OF PIPE
BOS	BOTTOM OF STRUCTURE
BTUH	BRITISH THERMAL UNITS PER HOUR
C	CONDUIT
CAV	CONSTANT AIR VOLUME
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CKT	CIRCUIT
CO	CARBON MONOXIDE
CO2	CARBON DIOXIDE
CP	CONDENSATE PUMP
CT	CURRENT TRANSFORMER, COOLING TOWER
CJ	CONDENSING UNIT
CUH	CABINET UNIT HEATER
DDC	DIRECT DIGITAL CONTROL
DEMO	DEMOLITION
DFU	DRAINAGE FIXTURE UNIT
DN	DOWN
DS	DOWNSPOUT
DX	DIRECT EXPANSION
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EC	ELECTRICAL CONTRACTOR
EEDB	ENTERING DRY BULB
EF	EXHAUST FAN
EJ	EXPANSION JOINT
EM	EMERGENCY
EPG	EMERGENCY PORTABLE GENERATOR
EQ	EQUAL
ESP	EXTERNAL STATIC PRESSURE
ETR	EXISTING TO REMAIN
EV	ELECTRIC VEHICLE
EWB	ENTERING WET BULB
EW	ELECTRIC WATER COOLER
FCA	FAULT CURRENT AMPS AVAILABLE
FCU	FAN COIL UNIT
FD	FLOOR DRAIN
FFA	FROM FLOOR ABOVE
FFB	FROM FLOOR BELOW
FL	FLOW LINE
FLA	FULL LOAD AMPS
FR	FROM
FTU	FAN TERMINAL UNIT
G	GALLONS PER MINUTE

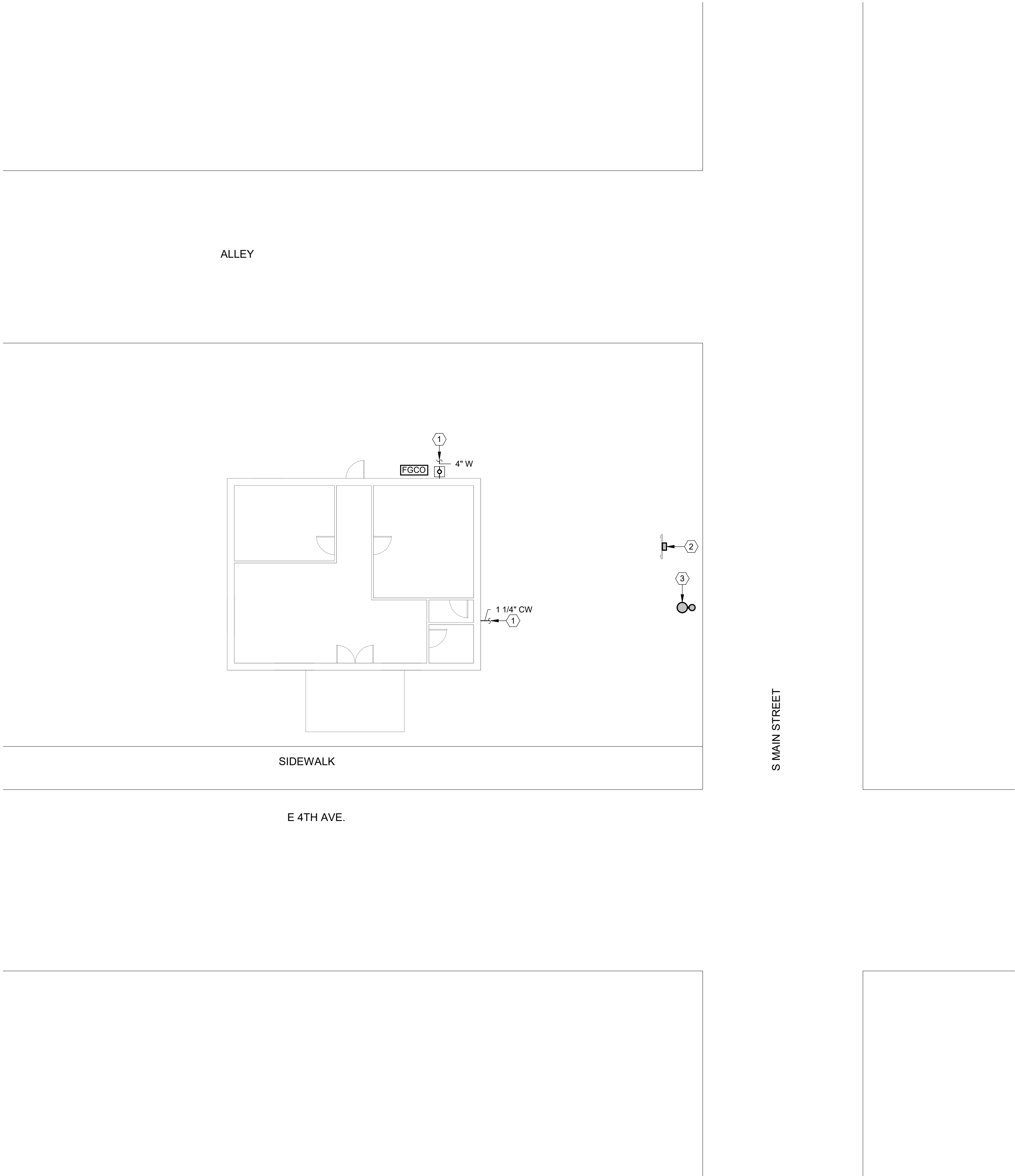


22. Provide wire as specified and circuiting as shown on the drawings. Power wires and cables shall be code type THWN or THHN and minimum #12 AWG. Wires noted as "Power wires" and cables #12 AWG and larger shall be annealed soft copper, solid construction. All power wires and cables #8 AWG and larger shall be annealed soft copper, compressed strand construction.
23. Provide EMT conduit for all wiring. EMT conduit shall be Alcan "Stabloy", or Southwest "Triple E" with Code type XHHW-2 insulation. Cables shall be marked "Al Stabloy 600V XHHW-2 (UL)" or "Al Triple E 600V XHHW-2". Note that wire and conduit sizes indicated on drawings based on conduit and aluminum conductors are used, it is the responsibility of the contractor to verify the conductors and conduit meeting NEC requirements. All circuits feeding mechanical equipment are sized based on copper wires, and shall be installed using copper fittings only.
24. Color coding for 120/240 volt systems shall be Black/Red for phase conductors, White for neutral and green for grounding conductors.
25. Underground service conductors shall be heavy solid PVC or PVDF cable with UL Rating. Fittings and bends shall be deep socket type schedule 40 utility elbows with 36° radius. All other exterior conduits shall be rigid steel conduit or intermediate metal conduit with threaded couplings and fittings.
26. Interior conduit shall be EMT. Provide setscrew couplings and fittings for NEMA 1 installations and compression couplings and fittings for NEMA 3R installations as a minimum. All conduit shall be run parallel or perpendicular to the building surfaces. Conduit shall be concealed in rooms. Overhead conduit shall be concealed except in rooms without ceilings.
27. At the Contractor's option interior branch circuits may be type MC cable with listed fittings and couplers in lieu of EMT conduit and conductors. Homersuns to panels will be made through EMT conduit. Overhead conduits to panel cans). Color coding shall be maintained.
28. At the Contractor's option Romex cabling shall be allowable for branch circuit wiring and Service Entrance Rated (SER) cables shall be allowable for panel feeders.
29. All power wires and cables shall be minimum #12 AWG, unless noted otherwise. Wire shall be Code type THWN or THHN, unless noted otherwise.
30. Each 120 volt outlet circuit shall be provided with grounded neutral conductors. Overhead circuits will be 4 wire nomersuns of 120 volt branch circuits will not be accepted.
31. Each light fixture shall be provided with a dedicated fixture whip from a junction box. The practice of "daisy-chaining" from fixture to fixture is unacceptable. Multiple fixture whips from a single box is acceptable.
32. Provide conduits and raceways; electrical pull, junction and device boxes as specified and shown on the drawings, as well as those required for a complete and code compliant installation.
33. The Electrical Contractor shall provide rough-in boxes and ½" conduit for thermostats under the supervision of the temperature controls installation contractor.
34. Provide 1" Panelboards; provide 120/240V, 3 phase, 3 wire, 3-wire panelboards. Provide 120V, 1 phase, 2 wire, circuit breakers shall be bolt-on thermal-magnetic olded class type. Arc Fault breakers shall be provided for all circuits as required in section 210.12 of the NEC.
35. Inside each panel door, provide an approved typewritten schedule card showing what each circuit feeds.
36. Provide engraved, white on black, laminated plastic plate, mechanically affixed labels on all panels.
37. Provide nameplates, safety labels, and identification. Where panels, etc., occur in finished rooms, label shall be on inside of the door. Labels shall match designation indicated on the plans.
38. Provide 20 amp, heavy duty commercial wiring devices (switches and outlets) on the drawings. Device and coverplate colors shall be as directed by the architect. Coverplates shall be stainless steel OR nylon. Ground fault interrupter receptacles shall be provided in all locations as required in Section 210.8 of the latest adopted version of the National Electrical Code (NEC). Tamper resistant receptacles in all locations as required in Section 406.9 of the latest adopted version of the NEC with extra duty weatherproof in-use cover. Tamper resistant receptacles shall be provided at all locations as required by Section 406.12 (tamper resistant) and in all designated areas) of the latest adopted version of the NEC.
39. Time switches shall be E2 Controls, or approved equal Paragon or Intermatic, maintained constant time switch with 25 amp rated controls. Time clocks shall be based on the latest technology available. Time clocks may be replaced and rechargeable battery caryover.
40. Provide heavy-duty safety switches as indicated on the plans and as specified. Provide the appropriate NEMA enclosure rating for the installation location. All safety switches shall be NEMA Type 1 or 3R, listed. Provide fusible devices as shown on the drawings.
41. Provide light fixtures as specified. Material, equipment or service necessary to complete the installation of these fixtures, but not specifically mentioned shall be furnished by the contractor as specified.
42. Properly support and align all fixtures and provide all necessary steel shapes for support of the fixtures. Fixtures recessed in ceilings shall be securely connected to the ceiling. For fixtures weighing less than 56 pounds, provide a minimum of 2x4 wood joist. If fixtures are connected to the structure above, Fixtures weighing more than 56 pounds shall be supported directly from the structure above.
43. Verify all ceiling systems and coordinate fixture type and enclosure with the ordering fixtures. Coordinate and cooperate with ceiling installer in regards to the location and installation of light fixtures.
44. All wall mounted fixtures shall be coordinated with the architectural features of the building. Verify specific elevations and dimensions of the building and coordinate the correct location with the Architect prior to beginning any work.
45. At the time of substantial completion, all back lights, foot lights, spot lights, etc., p, the cables, track and/or down lights, provided. Provide all scaffolds, lifts, etc. as required.





1 MPE SITE PLAN
1" = 10'-0"

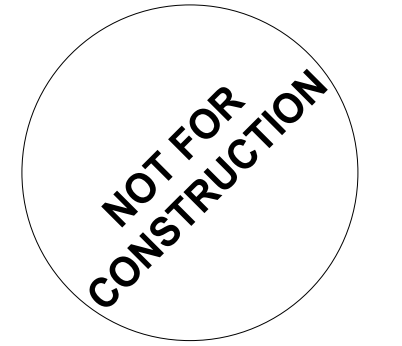


- REFER TO MPE002 FOR GENERAL NOTES
- MPE PLAN NOTES:**
- 1 RE: SITE PLAN FOR CONTINUATION.
 - 2 EXISTING POLE MOUNTED METER.
 - 3 EXISTING POLE MOUNTED UTILITY TRANSFORMER.

REVISIONS:

Kristi Colvin
Wild & Free Mobile Bar
139 EAST 4TH AVE.
GARNETT, KS 66032

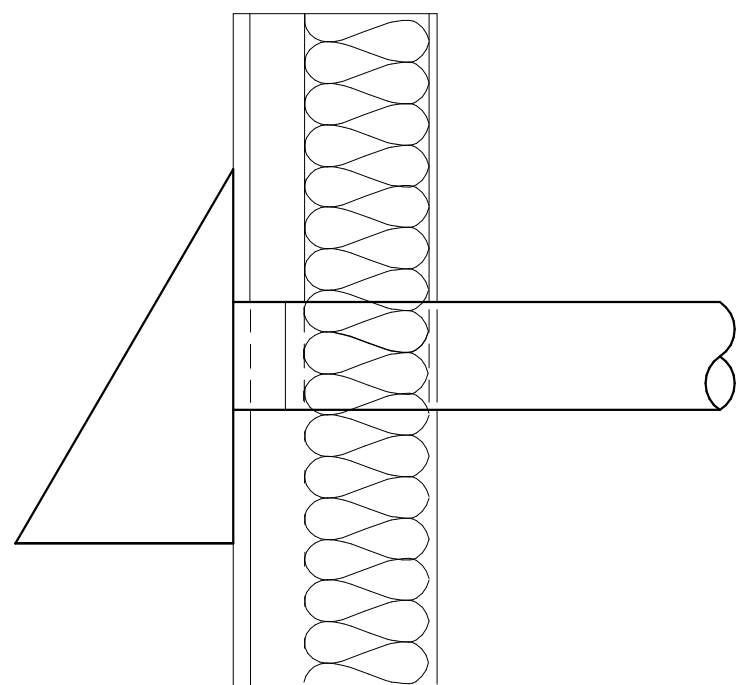
SEAL
ENGINEER - CASEY J. STEINER
LICENSE NO. 19423



ISSUE DATE: 10-08-2024
JOB NUMBER: 2410180
DRAWN BY: MC
CHECKED BY: JP

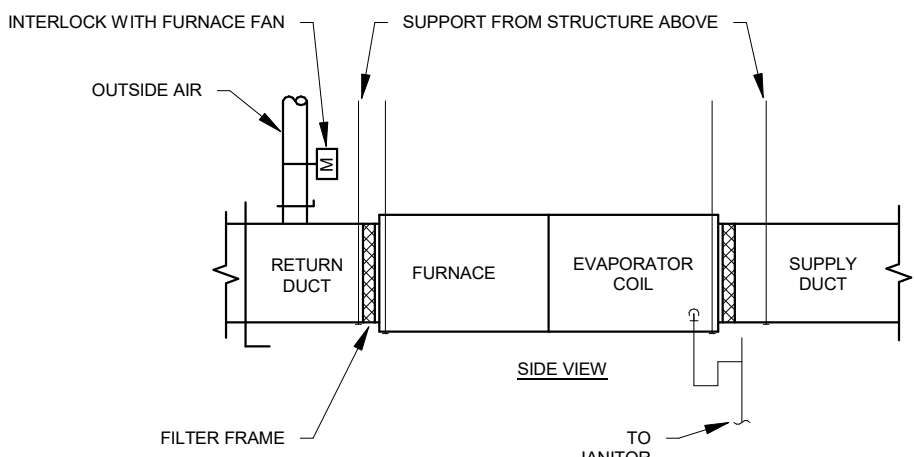
MPE SITE PLAN
MPE101

SCALE: 3/32" = 1'-0" 0 2 4 8 12
SCALE: 1/8" = 1'-0" 0 2 4 6 8
SCALE: 3/16" = 1'-0" 0 1 2 3 4 6
SCALE: 1/4" = 1'-0" 0 1 2 3 4
SCALE: 3/8" = 1'-0" 0 1 2 3 4 6
SCALE: 1/2" = 1'-0" 0 1 2 3 4 6
SCALE: 3/4" = 1'-0" 0 3 6 1
SCALE: 1" = 1'-0" 0 3 6 1 2
SCALE: 1 1/2" = 1'-0" 0 3 6 1 2
SCALE: 3" = 1'-0" 0 1 2 3 4 5 6 1



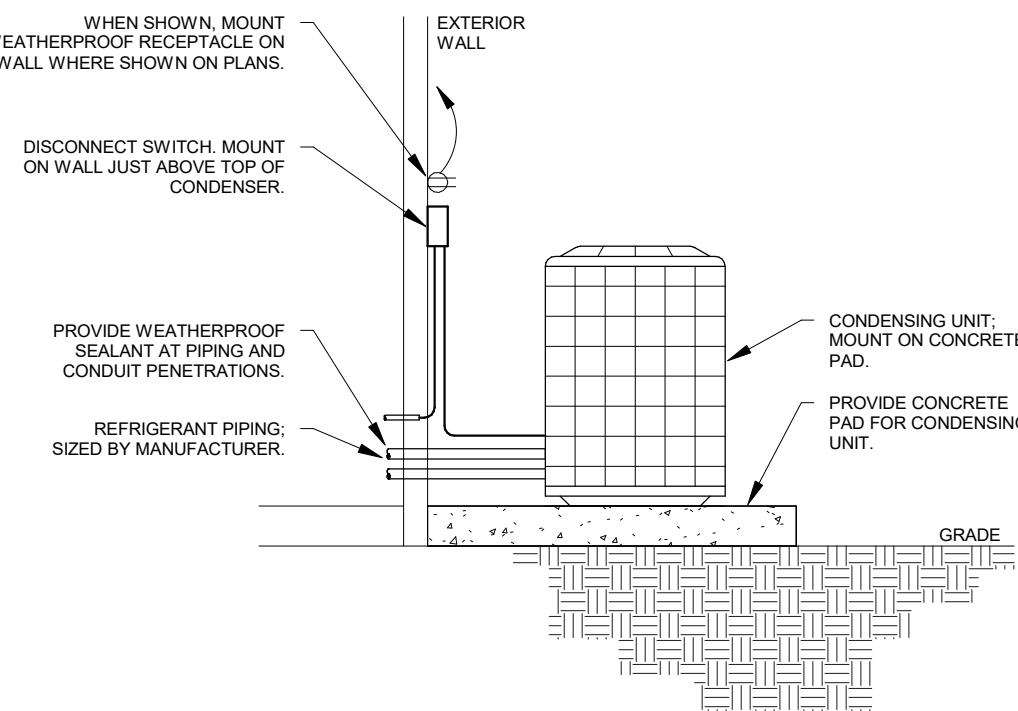
- NOTES:
- DUCT SIZES SHALL BE AS INDICATED ON THE PLANS.
 - PROVIDE SIDING AND FLASHING PER ARCHITECTURAL AND/OR SIDING MANUFACTURER'S REQUIREMENTS.
 - USE POP RIVETS ON ALL DRYER VENT. SHEETMETAL SCREWS ARE NOT ACCEPTABLE.
 - THE MALE END OF THE DUCT AT OVERLAPPED DUCT JOINTS SHALL EXTEND IN THE DIRECTION OF AIRFLOW.
 - ALL WALL CAPS TO BE PAINTABLE.
 - PROVIDE BUG SCREENS FOR BATHROOM EXHAUST AND OUTSIDE AIR INTAKE.
 - PROVIDE BACKDRAFT DAMPERS FOR BATHROOM EXHAUST AND DRYER EXHAUST.

4 EXTERIOR WALL BATHROOM EXHAUST NOT TO SCALE



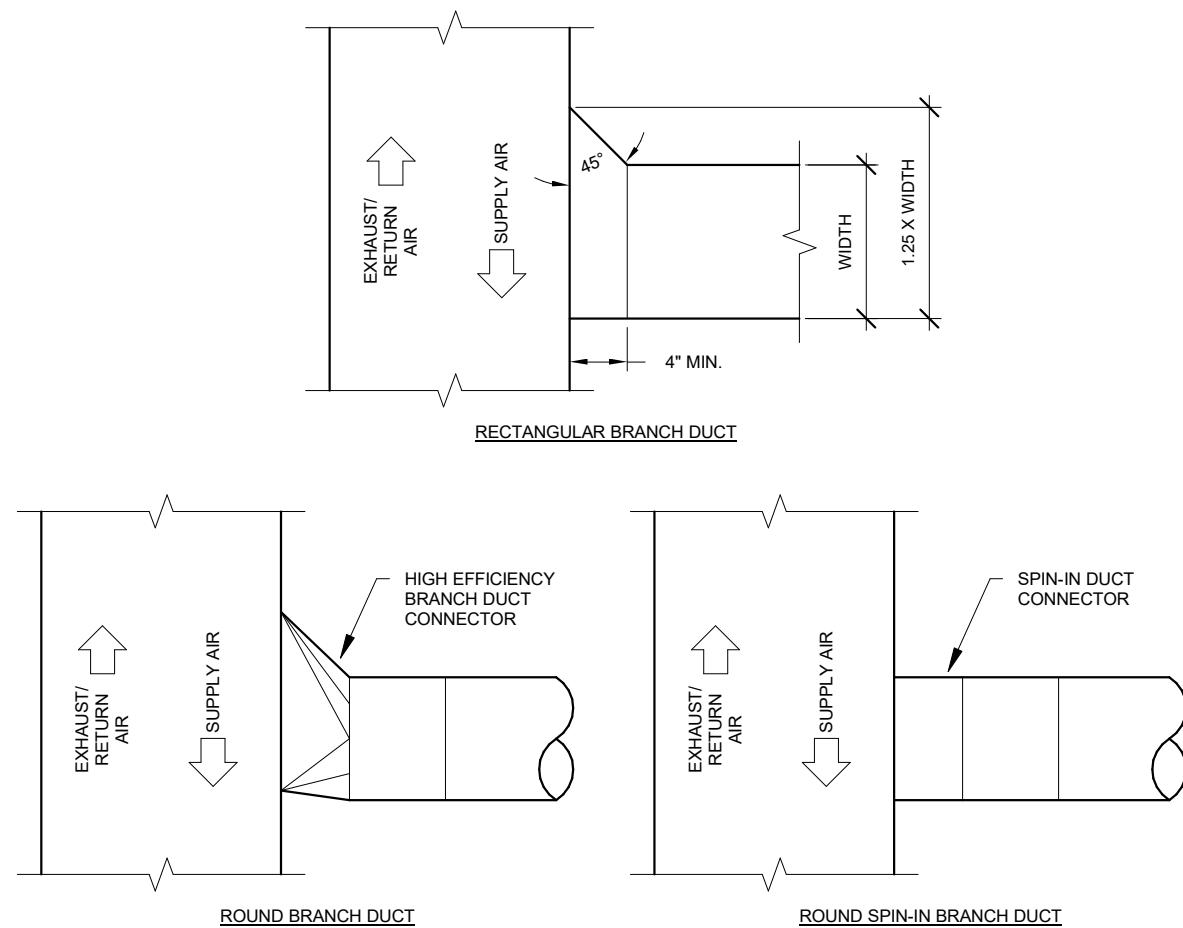
- NOTES:
- COORDINATE CONNECTION SIZES WITH PLANS.
 - SUPPORT DUCT WORK INDEPENDENT OF EQUIPMENT. FLEXIBLE CONNECTIONS SHALL BE STRAIGHT AND NOT COMPRESSED.

5 HORIZONTAL FURNACE CONNECTION DETAIL NOT TO SCALE



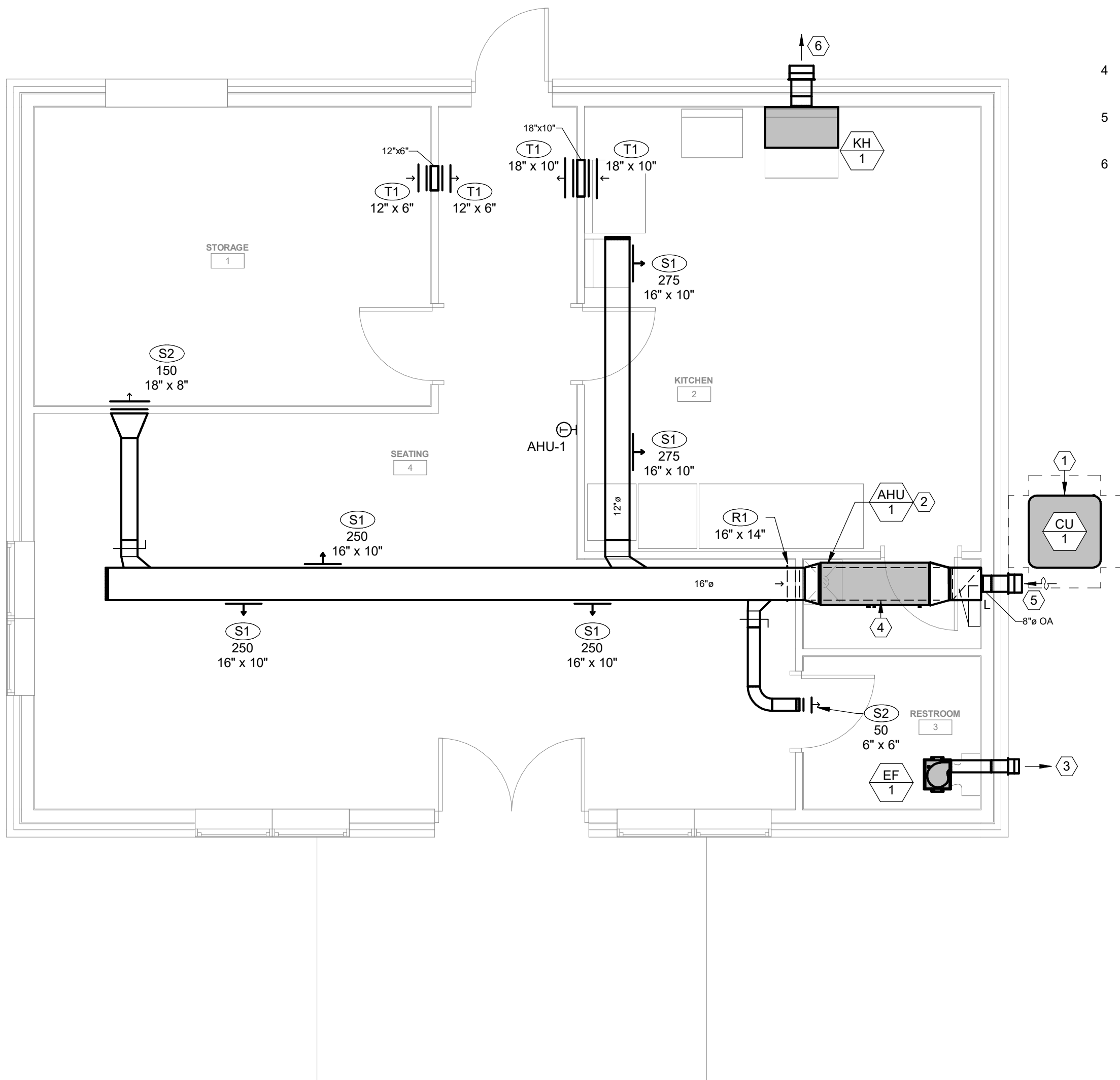
- NOTES:
- DETAIL APPLIES TO DUCTLESS SPLIT CONDENSERS AND HEAT PUMPS AS WELL.

3 CONDENSING UNIT GRADE MOUNTING DETAIL NOT TO SCALE

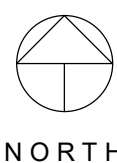


- NOTES:
- REFER TO FLOOR PLANS FOR BRANCH LOCATIONS REQUIRING BALANCING DAMPERS.

2 DUCT BRANCH CONNECTION NOT TO SCALE



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

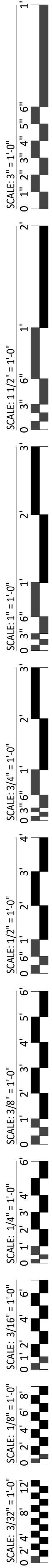


MECHANICAL GENERAL NOTES

- These drawings are diagrammatic and indicate the general extent of the work. Provide sheet metal systems complete and per applicable codes including all necessary components, fittings, and offsets which are required due to space constraints or other conditions.
- Coordinate the installation of the ductwork and equipment with the work of all other trades. Verify all clearances prior to the fabrication of any system components.
- Ductwork, piping, and HVAC equipment shall not be located over electrical panels and equipment. Provide the code required working clearance around all electrical equipment and panels.
- Provide all miscellaneous supporting steel, etc., for the proper installation of all mechanical systems.
- Coordinate floor, wall, roof penetrations, louver sizes, pad locations, etc., with the architectural and structural trades.
- Refer to architectural reflected ceiling plans and wall elevations for exact location of grilles, registers, diffusers, and other ceiling or wall mounted devices and equipment.
- Branch ductwork to diffusers, registers, or grilles shall be neck size unless noted otherwise.
- Branch ductwork to supply, return, and exhaust diffusers, register, or grilles shall be provided with balancing dampers. Provide concealed damper operators where located above hard ceilings. Unless the grille/diffuser is noted to be provided with and integral damper in the mechanical schedule.
- All ductwork dimensions indicate the inside clear dimension. Adjust sheet metal size to allow for internal duct liner where indicated on the plans or specifications.
- Provide access doors in hard ceiling areas for access to terminal units, balancing dampers, valves, controls, etc. refer to architectural drawings for ceiling types. Coordinate access door types, sizes, and locations with the architectural trades.
- All refrigerant piping between split systems shall be concealed within walls or above ceilings unless specifically noted otherwise. Where exposed piping is noted in finished areas, piping shall be insulated, jacketed, and painted to match adjacent wall or ceiling finishes. Coordinate requirements with the general contractor for any locations where piping is to be concealed behind false cavities or fur-outs. Piping shall be installed parallel and perpendicular to the building construction.

MECHANICAL PLAN NOTES:

- PROVIDE HOUSEKEEPING PAD FOR MECHANICAL EQUIPMENT PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
- MOUNT AHU-1 ABOVE DOOR IN MECHANICAL ROOM. COORDINATE WITH ALL OTHER TRADES PRIOR TO INSTALLATION. ROUTE CONDENSATE TO JANITOR SINK. RE. DETAIL FOR MORE INFORMATION.
- EXHAUST WALL CAP. EXHAUST TERMINATION SHALL NOT BE LOCATED WITHIN 10'-0" OF OUTSIDE AIR INTAKES OR PROPERTY LINE, OR WITHIN 3'-0" OF OPERABLE WINDOWS AND DOORS. REFER TO MECHANICAL DETAILS FOR MORE INFORMATION.
- ROUTE RETURN DUCTWORK BELOW AHU AS SHOWN. COORDINATE WITH ALL CLEARANCES AND INSTALLATION REQUIREMENTS.
- ROUTE OUTSIDE AIR DUCT THROUGH WALL. PROVIDE WALL CAP FOR INLET AIR APPLICATIONS. RE. DETAIL FOR MORE INFORMATION.
- ROUTE EXHAUST FUCT OUT THROUGH WALL. PROVIDE WALL CAP FOR EXHAUST AIR APPLICATIONS. EXHAUST OUTLET SHALL NOT BE LOCATED WITHIN 10'-0" OF OUTSIDE AIR INTAKE AND WITHIN 3'-0" OF OPERABLE WINDOWS AND DOORS. RE. DETAIL FOR MORE INFORMATION.



AIR HANDLER & CONDENSING UNIT SCHEDULE

AIR HANDLING UNITS																	CONDENSING UNITS									
EQUIPMENT MARK	MANUFACTURER	MODEL	MIN. O/A CFM	SUPPLY FAN		DX COOLING				ELECTRIC HEATING				ELECTRICAL DATA				EQUIPMENT MARK	MODEL	ELECTRICAL DATA				NOTES		
				CFM	ESP	EAT		LAT		TOTAL BTU/H	SENSIBLE BTU/H	KW	STEPS	VOLTAGE	PHASE	CIRCUIT 1				CIRCUIT 2		VOLTS	PHASE		MCA	MOCP
						DB	WB	DB	WB							MCA	MOCP			MCA	MOCP					
AHU 1	GOODMAN	AMST48	160	1,550	0.90	76.4	64.2	55.0	55.0	48,000	38,400	19.0	1	240 V	1	57 A	60 A	50 A	50 A	CU 1	GSXN4048	240	1	26.2	45	1,2,3
NOTES: 1. PROVIDE AIR HANDLER WITH FACTORY MOUNTED AND WIRED DISCONNECT FOR DUAL-POINT ELECTRICAL CONNECTION. PROVIDE BREAKER TIES WHERE REQUIRED. 2. PROVIDE PROGRAMMABLE THERMOSTAT TYPICAL OF HONEYWELL VISION PRO 8000. 3. PROVIDE HORIZONTAL UNIT.																										
GENERAL NOTES (APPLY TO ALL ABOVE): A. PROVIDE MINIMUM EFFICIENCY OF MERV 6 FOR FILTERS DURING CONSTRUCTION AND CHANGE MONTHLY AFTER UNIT START-UP. FINAL FILTER CHANGE AT OWNER OCCUPANCY SHALL BE MERV 7. B. ELECTRICAL CONTRACTOR SHALL PROVIDE SMOKE DETECTORS IN THE MAIN SUPPLY DUCT AND INTERLOCK WITH UNIT PER CODE FOR UNITS THAT EXCEED 2,000 CFM. C. ELECTRIC HEAT KW SHOWN IS ACTUAL OUTPUT AT THE VOLTAGE SHOWN. D. PROVIDE A 3/4" CONDENSATE DRAIN WITH A 2" TRAP. E. PROVIDE A 3-1/2" HOUSEKEEPING PAD FOR FLOOR-MOUNTED UNITS. F. PROVIDE FILTER FRAME FOR 1" FILTER. G. PROVIDE A SECONDARY DRAIN PAN FOR ALL COOLING COILS AND ROUTE 3/4" CONDENSATE LINE TO NEAREST FLOOR DRAIN, INDEPENDENT OF PRIMARY CONDENSATE DRAIN. H. UNIT MANUFACTURER SHALL MAKE COOLING COIL SELECTION. UNIT MANUFACTURER AND INSTALLING CONTRACTOR SHALL SIZE REFRIGERANT PIPING FOR THE FINAL FIELD ROUTING ELEVATION CHANGES, AND CONDENSER LOCATIONS. PROVIDE TRAPS, TXV, ADDITIONAL REFRIGERANT, LOW VOLTAGE STARTER KIT, OFF CYCLE TIMER, CRANKCASE HEATER, AND ACCUMULATOR AS REQUIRED FOR PROPER OPERATION OF THE SYSTEM. I. LOADS BASED ON 100 DEGREES F AMBIENT TEMPERATURE. J. UNIT EFFICIENCY MINIMUMS MUST MEETS OR EXCEED 2023 DEPARTMENT OF ENERGY ADOPTED MINIMUM EFFICIENCIES.																										

FAN SCHEDULE

EQUIPMENT MARK	MANUFACTURER	MODEL	CFM	STATIC PRESSURE (IN WG)	MOTOR DRIVE	HP	ELECTRICAL DATA VOLTS	PHASE	NOTES
EF 1	COOK	GC128	50	0.25	DIRECT	0.04	120	1	1,2,3,4
NOTES: 1. PROVIDE WITH FACTORY INSTALLED AND WIRED DISCONNECT. 2. PROVIDE WITH BACKDRAFT DAMPER. 3. PROVIDE WITH MANUFACTURER'S PLASTIC GRILLE. 4. PROVIDE BIRD SCREEN.									

GRILLE, REGISTER, AND DIFFUSER...

EQUIPMENT MARK	MANUFACTURER	MODEL	SERVICE	FACE SIZE	DAMPER	NOTES
R1	TITUS	355RL	RETURN	SEE PLAN	NO	
S1	TITUS	S300FL	SUPPLY	SEE PLAN	YES	
S2	TITUS	300RL	SUPPLY	SEE PLAN	NO	
T1	TITUS	355RL	TRANSFER	SEE PLAN	NO	1
NOTES: 1. MOUNT BOTTOM OF GRILLE AT 0'-6" BELOW STRUCTURE. GENERAL NOTES (APPLY TO ALL ABOVE): A. PROVIDE MOUNTING FRAME TO MATCH CEILING TYPE. VERIFY WITH ARCHITECT'S PLANS PRIOR TO ORDERING. B. REFER TO DIFFUSER TAGS ON PLANS FOR NECK SIZE AND AIRFLOW. C. WHERE NOT NOTED, DIFFUSER NECK SIZE SHALL BE THE SAME AS THE BRANCH DUCT SIZE. D. UNLESS NOTED OTHERWISE, COLOR SHALL BE STANDARD WHITE. E. FOUR-WAY THROW PATTERN FOR SQUARE DIFFUSERS UNLESS NOTED OTHERWISE. F. MAXIMUM NC OF 30 FOR ALL GRILLES, REGISTERS, AND DIFFUSERS. G. MAXIMUM PRESSURE DROP OF 0.1 IN-WG FOR ALL GRILLES, REGISTERS, AND DIFFUSERS.						

KITCHEN HOOD SCHEDULE

EQUIPMENT MARK	MANUFACTURER	MODEL	OVERALL LENGTH	OVERALL DEPTH	EXHAUST CFM	ESP
KH 1	DENLAR	D1036-R-NFPA	36"	20"	520	1.00
GENERAL NOTES (APPLY TO ALL ABOVE): A. STATIC LOSSES SHOWN ARE INTERNAL TO HOOD AND DO NOT INCLUDE EXTERNAL LOSSES SUCH AS DUCTWORK. B. PROVIDE GREASE CUP MOUNTED AT END OF HOOD. C. HOOD TO BE MOUNTED 80" ABOVE FINISHED FLOOR TO BOTTOM OF HOOD. D. PROVIDE ALUMINUM FILTERS. E. PROVIDE LED LIGHTING BY HOOD MANUFACTURER WITH AN AVERAGE OF 50 FOOTCANDLES AT THE COOKING SURFACE. F. HOOD HEIGHT SHALL BE 24" UNLESS OTHERWISE NOTED. G. PROVIDE COMPLETE ANSUL FIRE SUPPRESSION SYSTEM. H. PROVIDE COMPLETE CONTROL PACKAGE INCLUDING INTERLOCKS AND CONTACTS FOR SHUTDOWN OF EQUIPMENT UNDER HOOD.						

DUCT INSULATION SCHEDULE

INSULATION	DESCRIPTION
TYPE 1	WRAP INSULATION - CERTAINTEED SOFTTOUCH, TYPE 150, FSK FACED, 1 1/2" THICK, 1.5 PCF, K-VALUE = 0.24, R-VALUE = 6.0, VAPOR TRANSMISSION = 0.02 PERMS MAX. COMPLIES WITH ASTM C553 TYPE II, ASTM C1290 AND ASTM C1338 FUNGI RESISTANCE
TYPE 2	WRAP INSULATION - CERTAINTEED SOFTTOUCH, TYPE 75, FSK FACED, 3" THICK, 0.75 PCF, K-VALUE = 0.31, R-VALUE = 9.6, VAPOR TRANSMISSION = 0.02 PERMS MAX. COMPLIES WITH ASTM C553 TYPE II, ASTM C1290 AND ASTM C1338 FUNGI RESISTANCE
TYPE 3	ROUND DUCT LINER - CERTAINTEED ULTRAROUND DUCT LINER, 1" THICK, K-VALUE = 0.23, R-VALUE = 4.3, NRC = 0.75. COMPLIES WITH ASTM C1071 TYPE I, ASTM G22 BACTERIA RESISTANCE AND ASTM C1338 FUNGI RESISTANCE.

DUCT WITHIN THE BUILDING THERMAL ENVELOPE					
DUCT TYPE - CONCEALED	INSULATION	NOTES	DUCT TYPE - EXPOSED	INSULATION	NOTES
ROUND LOW PRESSURE SUPPLY AIR	TYPE 1	-	ROUND LOW PRESSURE SUPPLY AIR	TYPE 3	-
ROUND LOW PRESSURE RETURN AIR	NONE	-	ROUND LOW PRESSURE RETURN AIR	NONE	-
ROUND OUTDOOR AIR	TYPE 2	-	ROUND OUTDOOR AIR	TYPE 2	-
ROUND LOW PRESSURE EXHAUST AIR	NONE	-	ROUND LOW PRESSURE EXHAUST AIR	NONE	-
RECTANGULAR LOW PRESSURE SUPPLY AIR	TYPE 1	-	RECTANGULAR LOW PRESSURE SUPPLY AIR	TYPE 1	-
RECTANGULAR LOW PRESSURE RETURN AIR	NONE	-	RECTANGULAR LOW PRESSURE RETURN AIR	NONE	-
RECTANGULAR OUTDOOR AIR	TYPE 2	-	RECTANGULAR OUTDOOR AIR	TYPE 2	-
RECTANGULAR LOW PRESSURE EXHAUST AIR	NONE	-	RECTANGULAR LOW PRESSURE EXHAUST AIR	NONE	-

GENERAL NOTES (APPLY ALL TO ABOVE):

A. THE BASIS FOR THE DUCT INSULATION IN THIS SCHEDULE IS CERTAIN-TEED WHICH SHALL REPRESENT THE MINIMUM LEVEL OF CONSTRUCTION. PRODUCTS MANUFACTURED BY OWENS-CORNING, JOHNS-MANSVILLE, KNAUF, 3M, FIREMASTER AND AEROFLEX SHALL BE PERMITTED TO BID.

B. REFER TO FLOOR PLANS AS ADDITIONAL INSULATION REQUIREMENTS MAY BE INDICATED THERE.

C. THE REQUIREMENT FOR ACOUSTICAL INSULATION IS IN ADDITION TO THE THERMAL INSULATION REQUIREMENT. PROVIDE EXTERNAL THERMAL INSULATION AND INTERNAL ACOUSTICAL LINER AS INDICATED.

D. INSTALL ALL DUCT INSULATION PER MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.

E. INSULATION SURFACE BURNING CHARACTERISTICS: FLAME SPREAD INDEX/SMOKE DEVELOPED INDEX OF 25/50 MAXIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM E84 OR UL 723.

DEFINITIONS:

SUPPLY AIR: CONDITIONED AIR FROM AN AIR HANDLING SYSTEM TO AN OCCUPIED SPACE

RETURN AIR: AIR FROM AN OCCUPIED SPACE BACK TO AN AIR HANDLING SYSTEM

OUTSIDE AIR: UNCONDITIONED AIR FROM OUTSIDE THE BUILDING TO AN AIR HANDLING SYSTEM

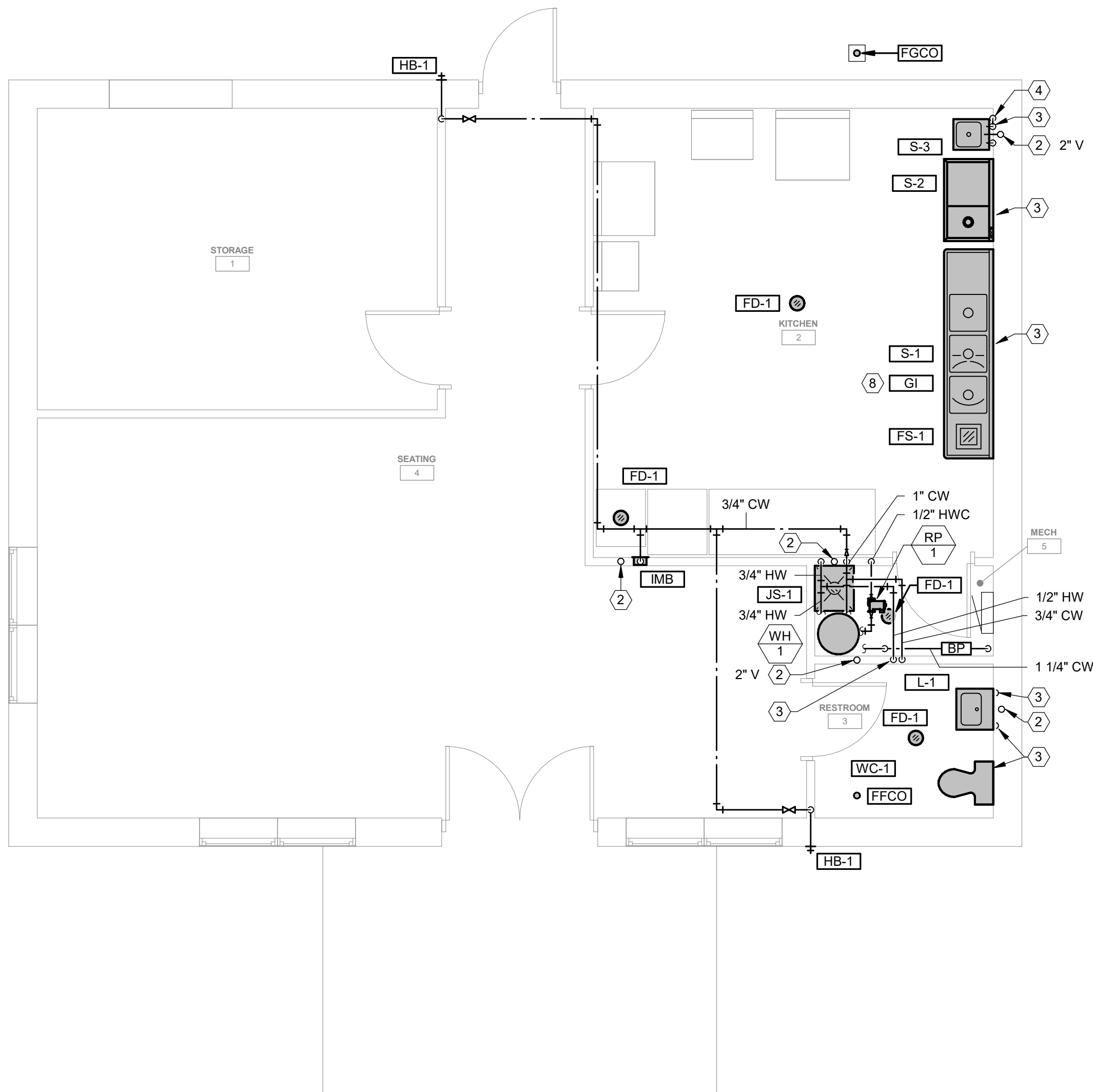
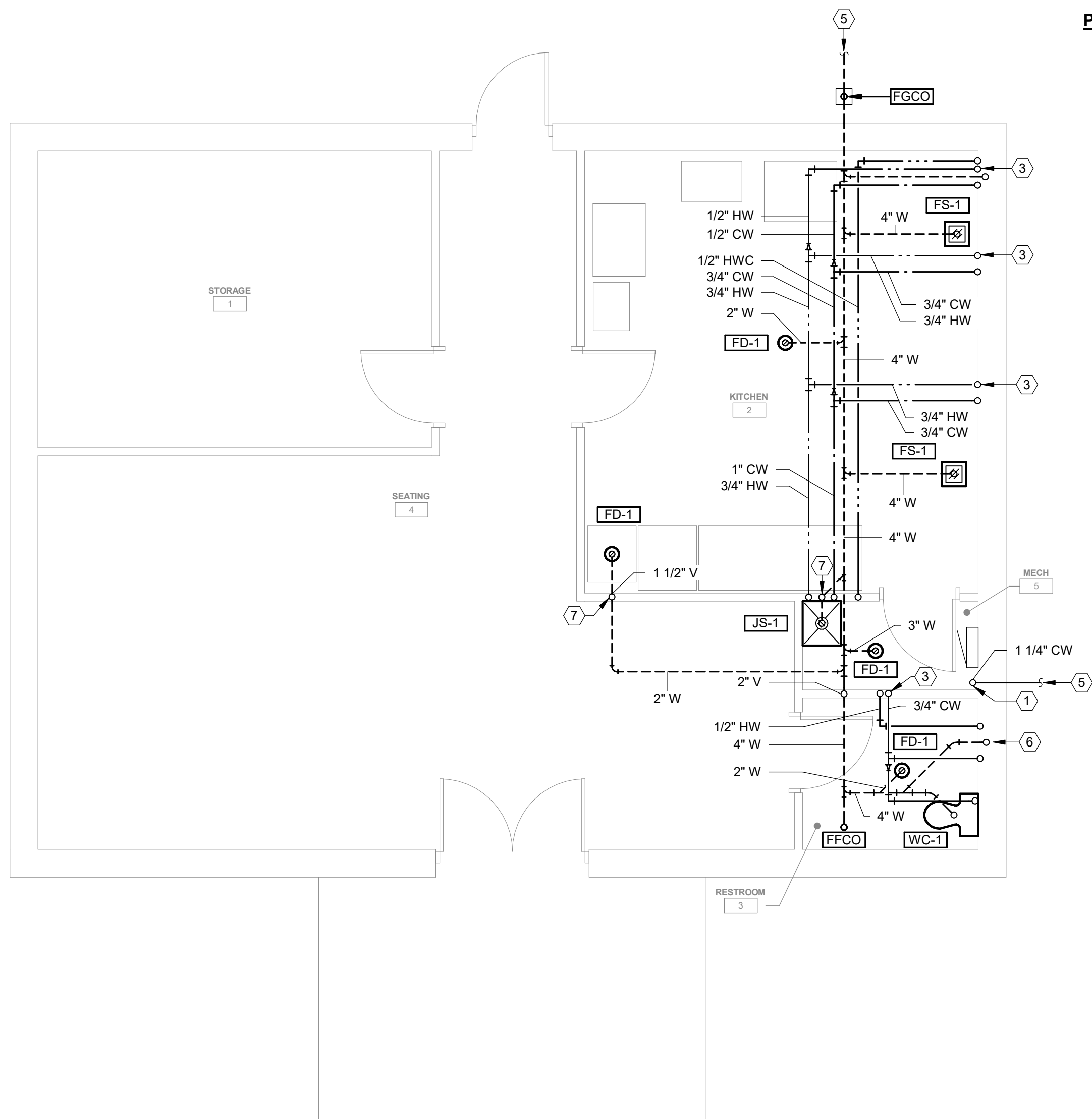
EXHAUST AIR: AIR THAT IS REMOVED FROM A BUILDING SPACE AND CONVEYED TO OUTSIDE THE BUILDING

LOW PRESSURE: LESS THAN 2" STATIC PRESSURE

CONCEALED LOCATION: DUCT IS LOCATED ABOVE A CEILING, WITHIN CHASE OR SHAFT, ETC.

EXPOSED LOCATION: DUCT IS NOT CONCEALED WITH THE BUILDING CONSTRUCTION (FINISHED SPACES, OR UNFINISHED SUCH AS MECHANICAL ROOMS)



$$1/4'' = 1'-0''$$

$$1/4'' = 1'-0''$$


NORTH

PLUMBING GENERAL NOTES:

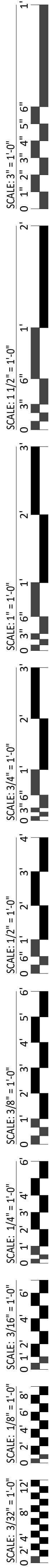
- A. These drawings are diagrammatic and indicate general extent of the work. Provide plumbing systems complete and per applicable codes including all necessary components, fittings, and offsets which are required due to space constraints or other conditions.
- B. Refer to the architectural plans, elevations, and details for the exact locations of plumbing fixtures. Notify the architect and engineer of any conflicts.
- C. Coordinate the installation of plumbing fixtures, equipment, and piping with the work of all other trades.
- D. Piping shall not be located over electrical equipment or panels. Provide the code required working clearance around all electrical panels and equipment.
- E. Piping shall not be located below equipment requiring service or access.
- F. Provide supplementary steel as required for the proper support of all plumbing systems.
- G. Plumbing vents through the roof shall be located a minimum of 10'-0" away from any fresh air intake location and a minimum of 18" clear from the inside face of the parapet.
- H. Coordinate with all trades to provide the code required clearance for all cleanouts installed in sanitary waste and vent piping.
- I. Minimum underground pipe size shall be 2".
- J. Coordinate the locations of floor drains and floor sinks with the actual location of the associated architectural, mechanical, plumbing, or kitchen equipment served.

PLUMBING GENERAL - KITCHEN

- K. Plumbing contractor shall provide all condensate drains required for refrigeration equipment.
- L. Coordinate all locations of floor drains and floor sink receptors with kitchen equipment plans.
- M. Plumbing contractor shall provide all valves, gauges, piping, etc. required for the installation of the dishwasher.
- N. Plumbing contractor is responsible to mount all faucets and pre-rinse units provided. All gas lines, elbows, shut-off valves, pressure reducers, water supply lines, drain lines, "P" traps, floor sinks, and other indirect drains required to hook up the kitchen service equipment shall be provided and installed by the plumbing contractor.
- O. Install sinks, faucets, gas valves, and other plumbing fixtures, equipment, piping, and accessories provided in the kitchen equipment package. Coordinate all work with the kitchen equipment contractor.

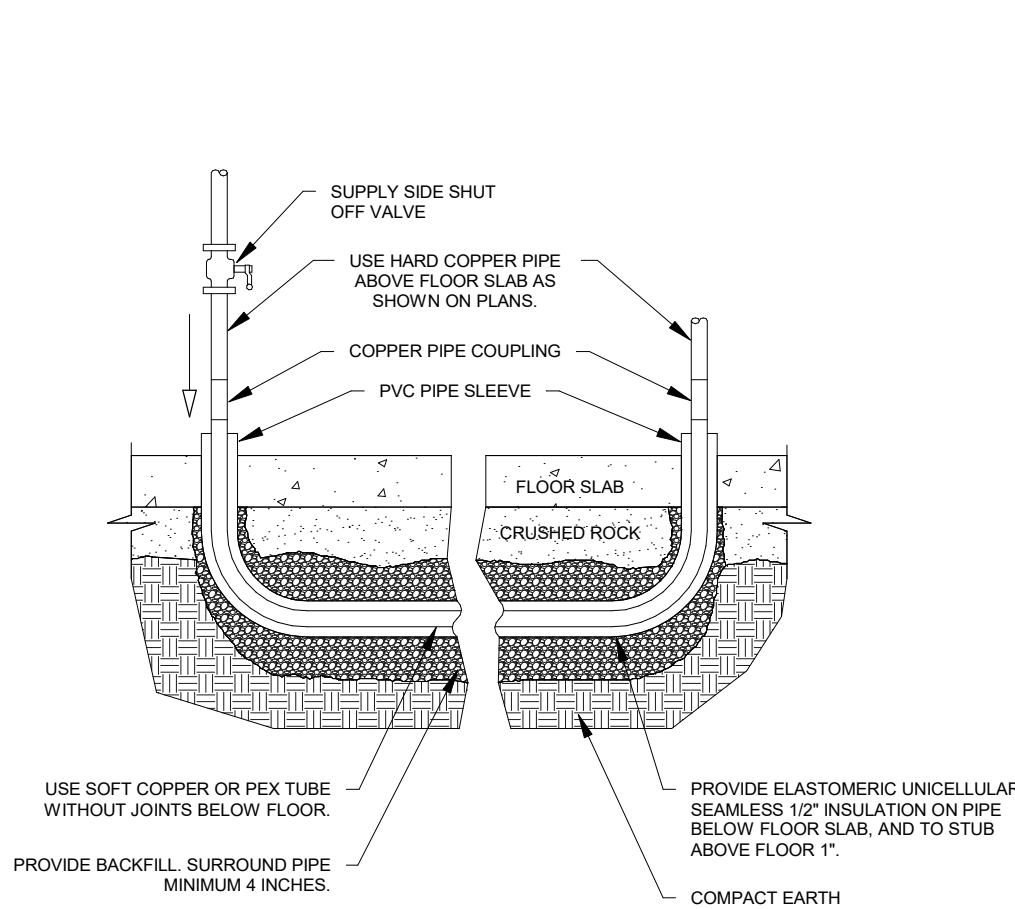
PLUMBING PLAN NOTES:

- 1 DOMESTIC WATER SERVICE UP TO MECHANICAL
ROOM. REFER TO ABOVE GRADE FLOOR PLAN FOR
CONTINUATION.
- 2 VENT THROUGH ROOF.
- 3 COLD AND HOT WATER ROUTED BELOW GRADE TO
FIXTURES ALONG EXTERIOR WALL TO PREVENT
FREEZING.
- 4 PROVIDE BALANCE VALVE ABOVE GRADE ON HWC
LINE AND SET TO 1.0 GPM.
- 5 RE: SITE PLAN FOR CONTINUATION.
- 6 COLD WATER, HOT WATER, WASTE UP TO LAVATORY.
RE: ABOVE GRADE FLOOR PLAN FOR CONTINUATION.
- 7 VENT UP IN WALL.
- 8 PROVIDE ABOVE GRADE GREASE INTERCEPTOR
EQUAL OR EQUIVALENT TO SCHIER GB-1 BELOW
3" DRAIN SINK. PROVIDE WITH INTEGRAL FLOW
CONTROL VALVE. RE: DETAILS FOR MORE
INFORMATION.



4 WATER PIPE UNDER SLAB

NOT TO SCALE

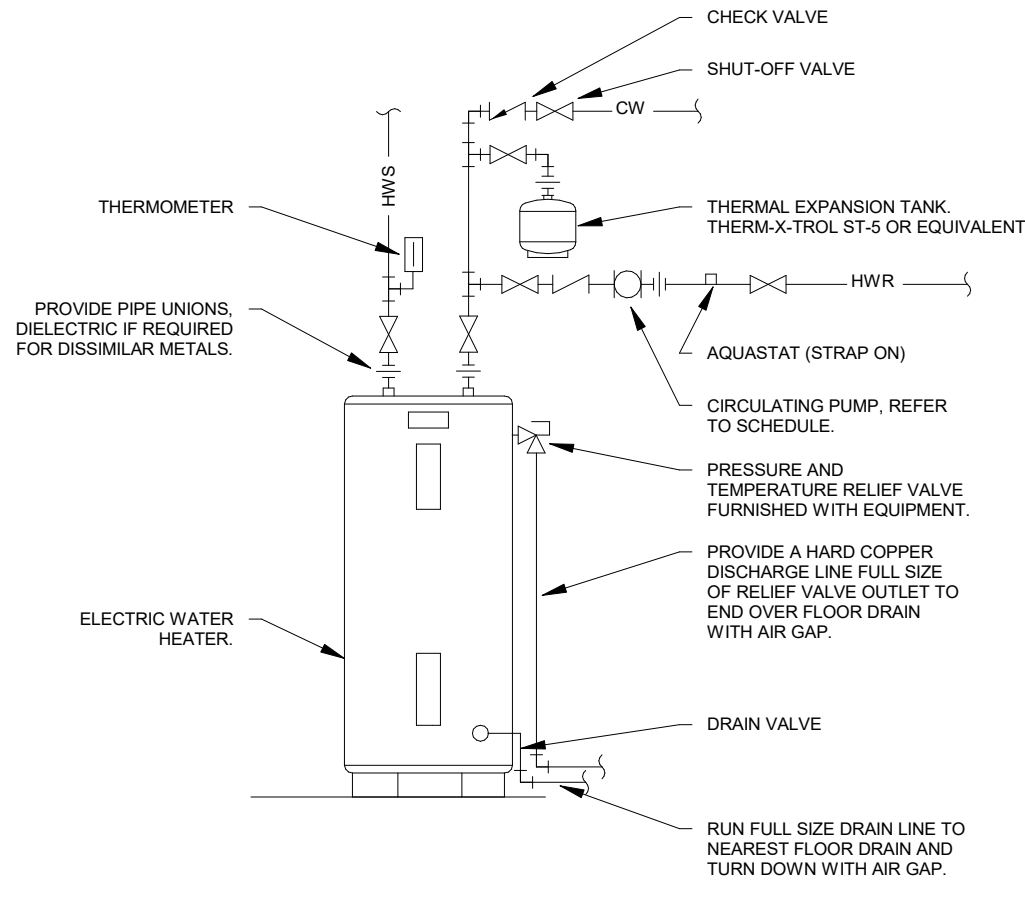


NOTES:

- IF FLOOR SLAB IS EXISTING, SAW CUT IT, EXCAVATE, BACKFILL, REPAIR VAPOR BARRIER, AND PATCH SLAB. PIPE SHALL HAVE LONG RADIUS WITH OTHER PIPE, CONDUIT, OR REINFORCING STEEL. DO NOT USE FLARED OR COMPRESSION JOINTS BELOW SLAB. USE WROUGHT COPPER FITTINGS WITH BRAZED JOINTS ONLY WHEN JOINTS ARE UNAVOIDABLE.

3 ELECTRIC WATER HEATER

NOT TO SCALE

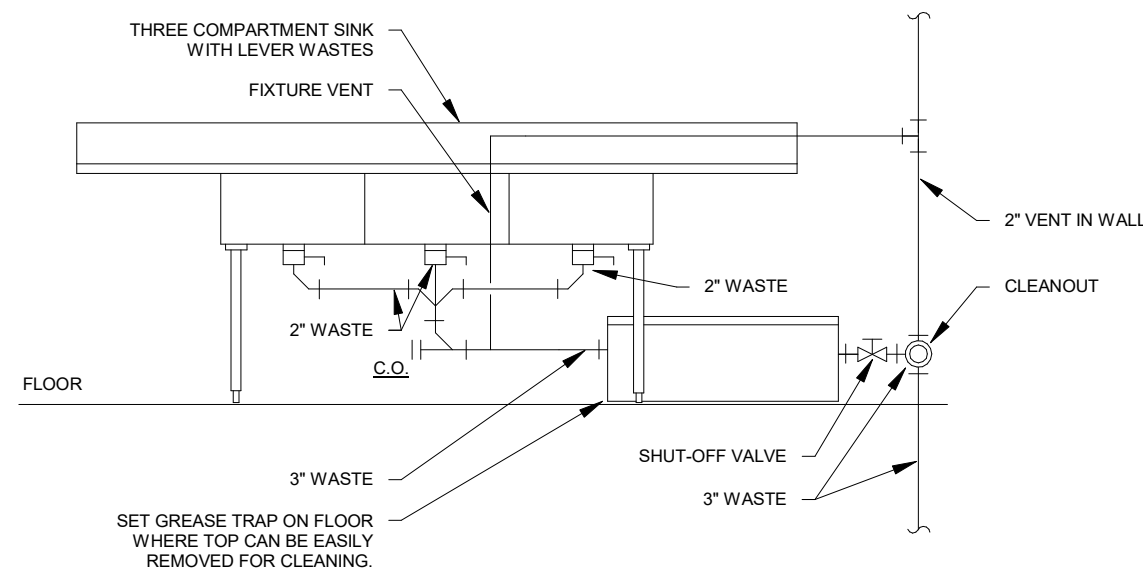


NOTES:

- REFER TO SCHEDULE AND SPECIFICATIONS.
- PIPING ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS.
- REFER TO FLOOR PLANS FOR PIPE SIZES.
- CONDUIT, OR REINFORCING STEEL, DO NOT USE FLARED OR COMPRESSION JOINTS BELOW SLAB. USE WROUGHT COPPER FITTINGS WITH BRAZED JOINTS ONLY WHEN JOINTS ARE UNAVOIDABLE.
- PROVIDE SEISMIC STRAP OR BRACING AND FLEXIBLE CONNECTORS TO WATER AND GAS CONNECTIONS AS REQUIRED BY LOCAL AUTHORITIES.
- PROVIDE HEAT TRAPS AS REQUIRED PER CODE IF NOT INTEGRAL TO WATER HEATER.

2 UTILITY SINK AND ABOVE GRADE GREASE TRAP

NOT TO SCALE

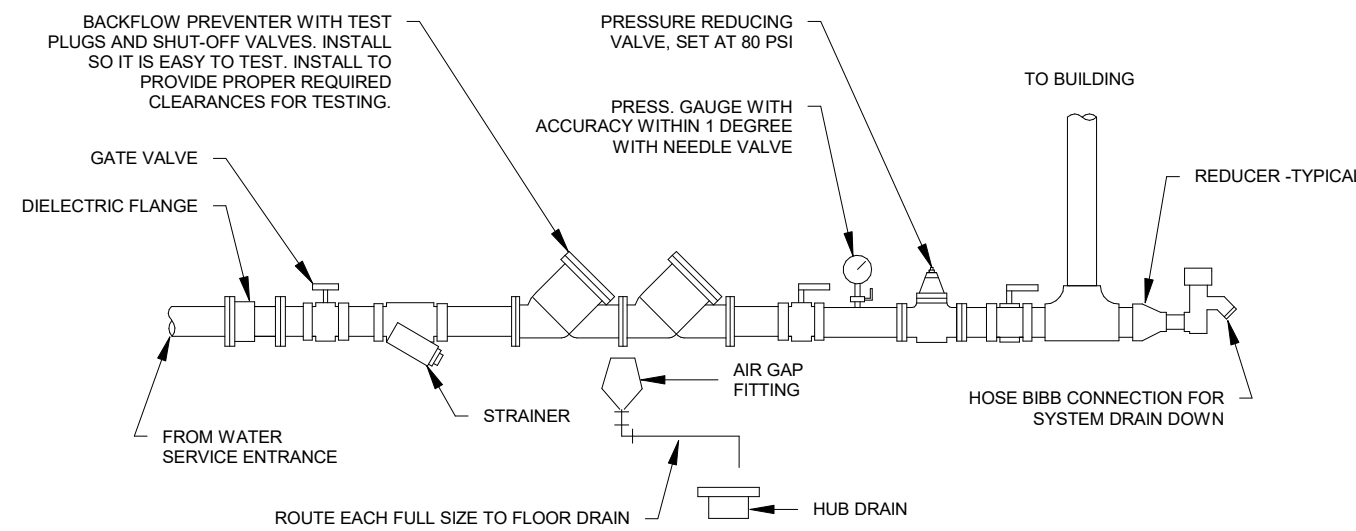


NOTES:

- ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT FIELD CONDITIONS OR MEET LOCAL CODE REQUIREMENTS. CONNECT TRAP FROM CENTER COMPARTMENT.

1 WATER SERVICE

NOT TO SCALE



NOTES:

- PROVIDE DOUBLE CHECK BACKFLOW PREVENTER OF TYPE AND MANUFACTURER AS APPROVED BY LOCAL AUTHORITIES. INSTALL BFP IN HORIZONTAL UPRIGHT POSITION, UNLESS NOTED OTHERWISE. STRAINER AND REDUCING VALVES MAY BE INSTALLED IN VERTICAL PIPE IF SPACE LIMITATIONS REQUIRE. CLEAN STRAINER BEFORE TURNING BUILDING OVER TO OWNER. PROVIDE ANY REQUIRED CERTIFICATION TEST OF BFP TO LOCAL AUTHORITIES. ALL ITEMS SHALL BE APPROVED FOR DOMESTIC WATER SERVICE. ARRANGEMENT SHOWN IS SCHEMATIC. MODIFY TO SUIT CONDITIONS. INSTALL BFP SO IT CAN BE EASILY SERVICED AND TESTED. SUPPORT ASSEMBLY FROM WALL BRACKET OR FLOOR STAND. INSTALL PER LOCAL AUTHORITY HAVING JURISDICTION.

PIPE INSULATION SCHEDULE

INSULATION	DESCRIPTION
TYPE 1	FIBER GLASS RIGID MOLDED INSULATION - JOHNS-MANVILLE MICRO-LOK, ASJ JACKET, K-VALUE = 0.23, MAX SERVICE TEMP = 850°F, VAPOR TRANSMISSION = 0.02 PERMS MAX, COMPLIES WITH ASTM C 547, CLASS 3, AND ASTM C1136 TYPE 1
TYPE 2	INSULATED PIPE SUPPORTS, 360° PRE-MOLDED PIPE SUPPORTS, VAPOR BARRIER AND GALVANIZED STEEL SHIELD, FOR > 1 1/2" PIPES MINIMUM COMPRESSIVE STRENGTH: 100 PSIG FOR PIPE SIZE <6", 450 PSIG FOR PIPE SIZE 6" AND LARGER
TYPE 3	FIBER-FEE ELASTOMERIC FOAM INSULATION WITH SELF-SEALING SEAMS - ARMACELL AP/ARMAFLEX SS, K-VALUE = 0.25, MAX SERVICE TEMP = 180°F, VAPOR TRANSMISSION = 0.05 PERMS MAX, COMPLIES WITH ASTM C534, TYPE 1, ASTM C1338 FUNGI RESISTANCE AND ASTM G22 BACTERIAL RESISTANCE.
TYPE 4	LAVATORY PIPING COVERS - HANDICAPPED LAVATORY P-TRAPS AND HOT/ COLD WATER LINES SHALL BE INSULATED WITH TRUEBRO LAV GUARD 2, FULLY MOLDED VINYL INSULATION SYSTEM. VINYL THICKNESS = 0.125", ADA COMPLIANT, MEETING ASTM D-635, ASTM G21, ASTM G22, COLOR SHALL BE CHINA WHITE AND PAINTABLE WITH LATEX PAINT

INSULATED PIPE SUPPORTS						
PIPE SIZE		INSERT LENGTH	SHIELD LENGTH	SHIELD GAUGE	INSULATION	NOTES
1-1/2" - 5"		6"	4"	20	TYPE 2	3

INSULATION THICKNESS FOR PLASTIC PIPES LOCATED WITHIN THE BUILDING THERMAL ENVELOPE							
PIPING SYSTEM	CONTINUOUS VAPOR BARRIER	PIPE SIZE				INSULATION	NOTES
		≤ 1-1/2"	2" - 4"	5" - 6"	> 8"		
CW	YES	1"	1"	1"	1"	TYPE 3	1,2
HW	NO	1"	1"	1"	1"	TYPE 3	1
HWC	NO	1"	1"	1"	1"	TYPE 3	1

INSULATION THICKNESS FOR METAL PIPES LOCATED WITHIN THE BUILDING THERMAL ENVELOPE							
PIPING SYSTEM	CONTINUOUS VAPOR BARRIER	PIPE SIZE				INSULATION	NOTES
		≤ 1-1/2"	2" - 4"	5" - 6"	> 8"		
CW	YES	1"	1"	1"	1"	TYPE 1	1,2
HW	NO	1"	1"	1"	1"	TYPE 1	1
HWC	NO	1"	1"	1"	1"	TYPE 1	1

NOTES:

1. FIBER GLASS INSULATION: ALL FITTINGS, VALVES, TEES, FLANGES, CONNECTIONS, ETC. SHALL BE INSULATED AND COVERED WITH THE APPROPRIATE PVC INSULATED FITTING COVERS. FITTING COVERS SHALL MATCH PVC JACKETS.

2. SEAL LONGITUDINAL SEAMS, ENG JOINTS AND PROTRUSIONS WITH VAPOR-BARRIER MASTIC AND JOINT SEALANT.

3. PIPE INSERT THICKNESS SHALL BE EQUAL TO THE ADJOINING INSULATION THICKNESS.

4. ROOF DRAIN AND OVERFLOW ROOF DRAIN BOWLS SHALL BE INSULATED WITH 3/4" THICK ARMACELL "ARMAFLEX" CLOSED-CELL, ELASTOMERIC INSULATION.

GENERAL NOTES (APPLY ALL TO ABOVE):

A. THE BASIS FOR FIBER GLASS PIPE INSULATION AND FITTING COVERS IS JOHNS-MANVILLE WHICH SHALL REPRESENT THE MINIMUM LEVEL OF CONSTRUCTION. PRODUCTS MANUFACTURED BY OWENS-CORNING AND KNAUF SHALL BE PERMITTED TO BID.

B. THE BASIS FOR FLEXIBLE ELASTOMERIC INSULATION AND FITTING COVERS IS ARMACELL WHICH SHALL REPRESENT THE MINIMUM LEVEL OF CONSTRUCTION. PRODUCTS MANUFACTURED BY AEROFLEX SHALL BE PERMITTED TO BID.

C. INSTALL ALL PIPE INSULATION PER MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.

D. INSTALL INSULATION CONTINUOUSLY THROUGH PENETRATIONS.

E. PROVIDE LAVATORY PIPING COVERS AT ALL ADA ACCESSIBLE SINKS AND LAVATORIES.

F. INSULATION SURFACE BURNING CHARACTERISTICS: FLAME SPREAD INDEX/SMOKE DEVELOPED INDEX OF 25/50 MAXIMUM, WHEN TESTED IN ACCORDANCE WITH ASTM E84 OR UL 723.

PLUMBING FIXTURE SCHEDULE

EQUIPMENT MARK	DESCRIPTION	MANUFACTURER	MODEL	TRIM	CONNECTIONS				NOTES
					CW (IN)	HW (IN)	W (IN)	V (IN)	
WC-1	ADA FLOOR MOUNTED, FLUSH TANK, BOTTOM OUTLET WATER CLOSET	OWNER	-	-	0.5	-	4	2	4,7
L-1	ADA WALL HUNG LAVATORY	OWNER	-	PROVIDE POINT-OF-USE MIXING VALVE LEONARD 270-LF OR EQUIVALENT 0.25 GPM MIN. FLOW ASSE 1070 CERTIFIED	0.5	0.5	1.5	1.5	1,4
S-1	THREE-COMPARTMENT SCULLERY SINK	OWNER	-	-	0.75	0.75	2	1.5	3
S-2	PREP SINK, SINGLE BOWL.	OWNER	-	-	0.75	0.75	2	1.5	3
S-3	HAND SINK	OWNER	-	PROVIDE POINT-OF-USE MIXING VALVE LEONARD 270-LF OR EQUIVALENT 0.25 GPM MIN. FLOW ASSE 1070 CERTIFIED	0.5	0.5	2	1.5	1,4
JS-1	MOLDED STONE JANITOR'S SINK	FIAT	MSB-2424	S/S BUMPERGUARDS, S/S WALL GUARDS, FAUCET: AMERICAN STANDARD 8344.212, VACUUM BREAKER, WALL BRACE, PAIL HOOK, 30" HOSE WILL WALL GRIP, MOP HANGER	0.5	0.5	3	1.5	
HB-1	NON-FREEZE HOSE BIBB IN RECESSED BOX	WOODFORD	MODEL B65	VACUUM BREAKER, LOOSE CONTROL KEY, WALL CLAMP, RECESSED BOX	0.75	-	-	-	5
FD-1	ROUND FLOOR DRAIN	ZURN	ZN415B	7", NICKEL BRONZE STRAINER, DEEP SEAL TRAP	-	-	<variables>	-	2,6
FS-1	8" SQUARE FLOOR SINK	ZURN	ZN1910	FULL GRATE, 6-1/4" DEEP BODY, ENAMELED, INTERIOR, SEDIMENT BUCKET, NICKEL BRONZE RIM AND GRATE	-	-	-	-	2,6
IMB	ICE MAKER CONNECTION BOX	GUY GRAY	BIM875	GALVANIZED STEEL BOX	0.5	-	-	-	
NOTES:									
1. FAUCET HOLES TO MATCH FAUCET SPECIFIED.									
2. PIPE SIZE AS SHOWN ON DRAWING.									
3. INDIRECT WASTE TO FLOOR SINK.									
4. FIXTURE ASSEMBLY MUST BE APPROVED BY AND INSTALLED PER ADA.									
5. PROVIDE OPERATING ROD ASSEMBLY PER MANUFACTURER'S RECOMMENDATIONS BASED ON WALL THICKNESS.									
6. PROVIDE SURESEAL SSK000V INLINE FLOOR DRAIN TRAP SEAL WITH ASSE 1072 RATING.									
7. PROVIDE ALTERNATIVE TANK AS NECESSARY FOR TRIP LEVER TO BE INSTALLED ON OPPOSITE SIDE WALL GRAB BAR.									
GENERAL NOTES:									
A. PROVIDE INSULATION KIT ON ALL ADA FIXTURES WITH EXPOSED TRAP AND SUPPLIES.									
B. VERIFY FLUSH CONTROLS TO BE MOUNTED ON THE WIDE SIDE OF THE TOILET AREA OPPOSITE GRAB BAR WALL FOR ALL ADA UNITS.									

WATER HEATER SCHEDULE

EQUIPMENT MARK	MANUFACTURER	MODEL	CAPACITY (GAL)	RECOVERY (GPH)	ELECTRICAL		
					ELEMENT WATTAGE	VOLTAGE	PHASE
WH 1	A.O. SMITH	DEN-40	40	20.0	4500.0	240	1
GENERAL NOTES:							
A. PROVIDE ASME PRESSURE AND TEMPERATURE RELIEF VALVE.							
B. PROVIDE DIELECTRIC CONNECTIONS AT WATER HEATER.							
C. RESTROOM RECOVERY BASED ON 90 DEGREE TEMPERATURE RISE.							

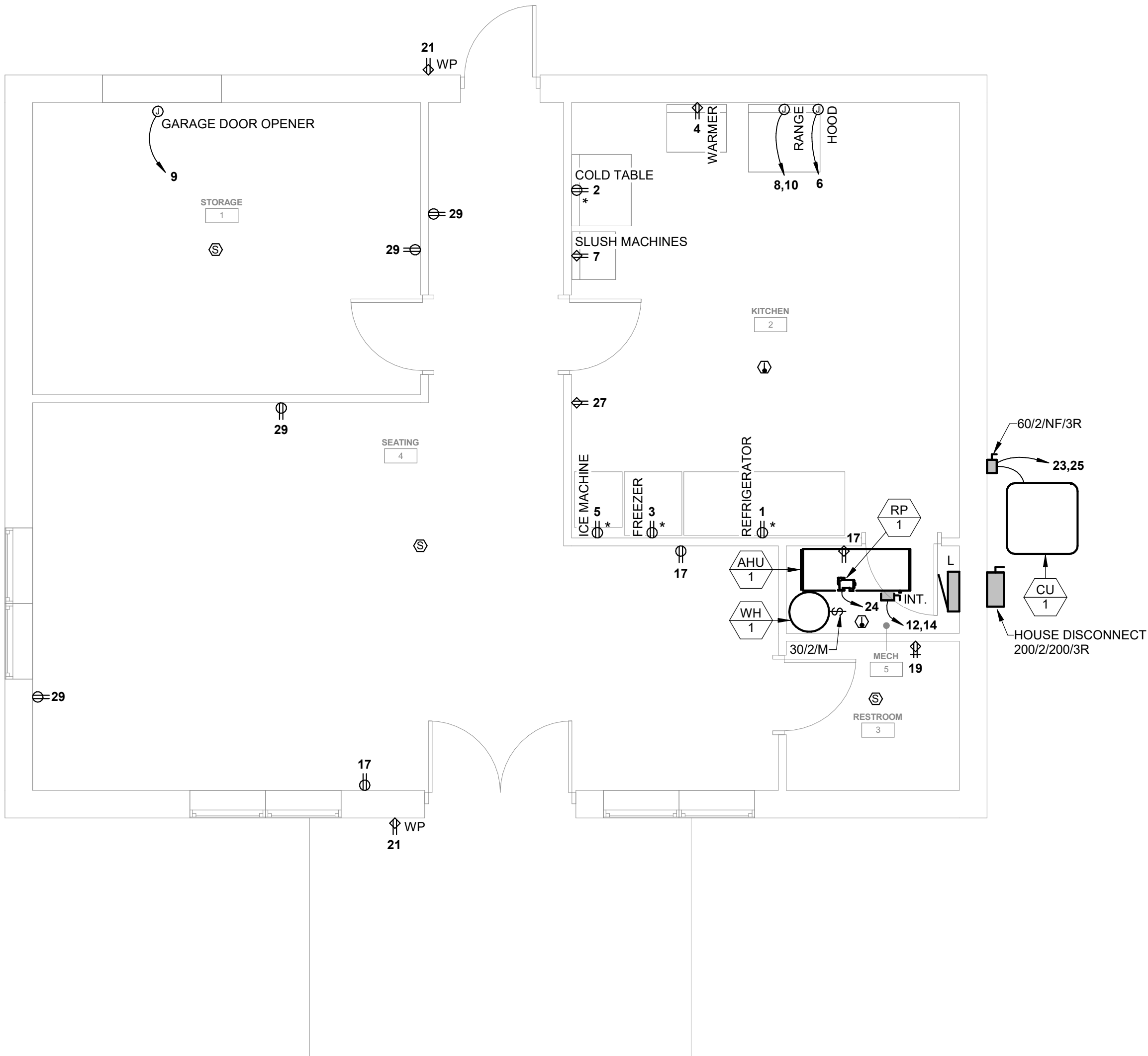
DOMESTIC RECIRCULATION PUMP SCHEDULE

EQUIPMENT MARK	MANUFACTURER	MODEL	GPM	HEAD (FT)	ELECTRICAL			NOTES
					HP	VOLTS	PHASE	
RP 1	BELL & GOSSETT	ECOCIRC 20-18	1.0	10	0.1	120	1	1,2,3
NOTES:								
1. PROVIDED AQUASTAT WITH ADJUSTABLE SET POINT (100°F TO 240°F) WITH ADJUSTABLE DIFFERENTIAL. RATED FOR FULL LOAD AMPS OF PUMP.								
2. DOMESTIC WATER: PUMP ON AT 95°F AND OFF AT 109°F. TEMPERED WATER SUPPLY: 110°F								
3. PROVIDE 7-DAY PROGRAMMABLE TIMECLOCK RATED FOR FULL LOAD AMPS OF PUMP.								
GENERAL NOTES:								
A. UNLESS NOTED ABOVE, PUMP SHALL OPERATE AT CONSTANT SPEED.								
B. ALL PUMPS SHALL BE NON-OVERLOADING.								
C. ALL COMPONENTS SHALL BE SUITABLE FOR DRINKING/POTABLE WATER.								

SCALE: 3/32" = 1'-0"
0 2 4 8 12
SCALE: 1/8" = 1'-0"
0 2 4 6 8
SCALE: 3/16" = 1'-0"
0 1 2 3 4 6
SCALE: 1/4" = 1'-0"
0 1 2 3 4 6
SCALE: 3/8" = 1'-0"
0 1 2 3 4 5 6
SCALE: 1/2" = 1'-0"
0 3 6 1 2
SCALE: 3/4" = 1'-0"
0 3 6 1 2
SCALE: 1" = 1'-0"
0 3 6 1 2
SCALE: 1 1/2" = 1'-0"
0 3 6 1 2
SCALE: 3" = 1'-0"
0 1 2 3 4 5 6 1'

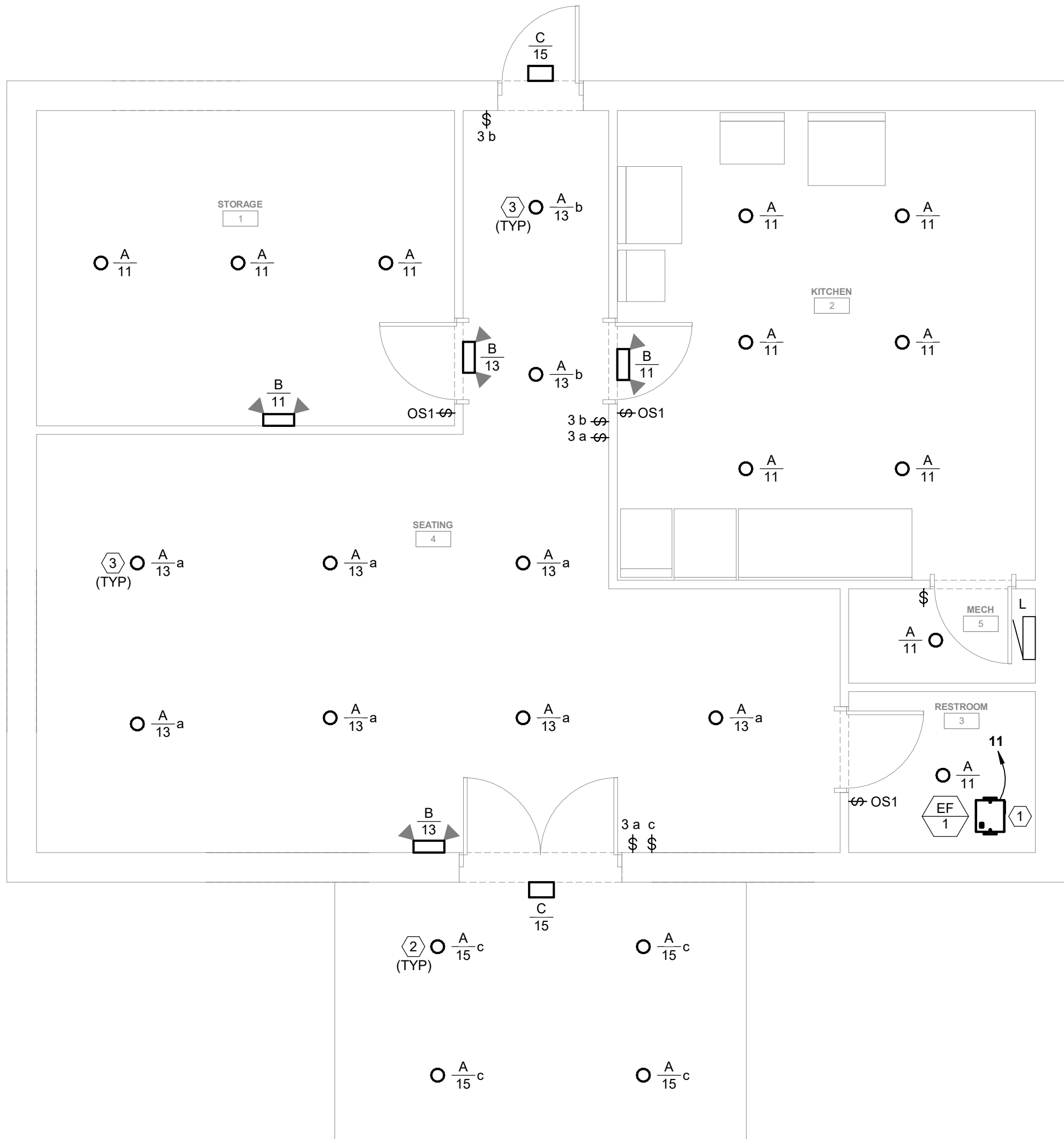
2 POWER & SPECIAL SYSTEMS PLAN

1/4" = 1'-0"



1 LIGHTING RCP

1/4" = 1'-0"



ALL CIRCUITS SHALL GO TO PANEL L.

PANELBOARD: L

LOCATION: MECH 5
FED FROM: HOUSE DISCONNECT
MOUNTING: SURFACE
ENCLOSURE: NEMA 1

VOLTS/PHASE 240/120V, 1Ph, 3W
FAULT RATING: 65 kAIC
MAINS TYPE: MLO
MAINS RATING: 200 A

EQUIPMENT GROUND BUS

CKT	LOAD DESCRIPTION	NOTES	BKR AMP	P	A	B	P	BKR AMP	NOTES	LOAD DESCRIPTION	CKT
1	REFRIGERATOR	GF	20	1	1,080	660		1	20	GF	2
3	FREEZER	GF	20	1				1	20		4
5	ICE MACHINE	GF	20	1	500	500		1	20		6
7	SLUSH MACHINES		20	1				1	20		8
9	GARAGE DOOR OPENER		20	1	1,000	9,120		1	20		10
11	LIGHTS - KITCHEN, STORAGE, RR		20	1				1	20		12
13	LIGHTS - SEATING	TC1	20	1	274	5,482		1	20		14
15	LIGHTS - EXTERIOR	TC2	20	1				1	20		16
17	CONV RECEP		20	1	540	4,800		1	20		18
19	RESTROOM RECEP		20	1				1	20		20
21	EXTERIOR RECEP		20	1	360	2,250		1	20		22
23	CU 1		45	2				1	20		24
25	--	--	--	--	2,515	--		1	--		26
27	KITCHEN RECEP		20	1		1,160		1	--		28
29	SEATING, STORAGE RECEP		20	1	720	--		1	--		30
31								1	--		32
33					--			1	--		34
35					--			1	--		36
37					--			1	--		38
39					--			1	--		40
41											42
					TOTAL LOAD:	22,062 VA	22,080 VA				
					TOTAL CURRENT:	184 A	184 A				

LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND FACTOR	NEC DEMAND	PANELBOARD NOTES	PANELBOARD TOTALS
RECEPTACLES	1,800 VA	100%	1,800 VA		
LIGHTING	768 VA	100%	768 VA		
MOTOR (125% OF LARGEST)	308 VA	115%	355 VA		
COOLING					
HEATING	20,563 VA	100%	20,563 VA		
YEAR ROUND HVAC					
KITCHEN EQUIPMENT	25,652 VA	65%	16,674 VA		
MISC. CONTINUOUS					
MISC. NON-CONTINUOUS	1,000 VA	100%	1,000 VA		
EXISTING LOAD					
DWELLING UNIT					
					TOTAL CONNECTED LOAD: 44,141 VA
					TOTAL NEC DEMAND LOAD: 36,476 VA
					TOTAL CONNECTED CURRENT: 184 A
					TOTAL NEC DEMAND CURRENT: 152 A

ELECTRICAL GENERAL NOTES:

- These drawings are diagrammatic in nature and indicate the general extent of the work. Provide all electrical systems complete and per applicable codes including all necessary pull boxes, junction boxes, and incidental materials and labor for a complete and fully functional system.
- Refer to architectural reflected ceiling plans and wall elevations for exact location of light fixtures, switches, outlets, and other equipment. Notify the architect and engineer of any conflicts.
- Verify requirements of all equipment provided by other trades with the contractor's provided submittals. Notify the engineer of any conflicts between the submittals and electrical drawings.
- Furniture layouts are for reference only. Coordinate the final location of electrical devices and outlets with the architect, owner, and final furniture layouts prior to installation. Notify the architect and engineer of any conflicts.
- Refer to Special Systems plans for additional requirements related to data and other low voltage systems. Provide junction boxes and 3/4" conduit with pull-strings up to an accessible location above the ceiling at all voice and data and other device outlet locations. Refer to details.
- Offset outlet boxes on opposite sides of a common wall to prevent sound transmission between adjoining rooms. Boxes shall be a minimum of 12" apart and must be installed in separate stud cavities.
- Where boxes are installed in concrete block walls, the box mounting height shall be at the block joint. Provide jumbo cover plates.
- De-rate conductors as required by the NEC when grouped in common raceways.
- Provide separate neutrals for all dimming circuits.
- Provide wet location listed wiring where run below grade, in concrete that is in direct contact with the earth, or masonry that is in direct contact with the earth.
- Provide ground fault interrupter protection in all locations as required in Section 210.8 of the latest adopted version of the NEC.
- Provide locking clips on all circuit breakers serving telecommunication equipment and fire alarm control panels.
- Provide rough-in boxes and conduit for thermostats as indicated.
- One way 120 volt circuit length conductor sizing up to and including 100 feet shall be #12 AWG, from 100 feet to 150 feet shall be #10 AWG and from 150 feet to 200 feet shall be #8 AWG.
- Contractor shall coordinate exact mounting height of all television wall boxes with architect and owner provided television mounts prior to rough-in.
- All wiring associated with light fixtures and equipment served from the emergency panel(s) shall be kept independent of all other wiring and equipment per the requirements of NEC 700.10 (b).

ELECTRICAL PLAN NOTES:

- EXHAUST FAN - EXHAUST FAN TO BE POWERED AND CONTROLLED THROUGH LIGHTING CIRCUIT.
- PATIO LIGHTING - PATIO LIGHTING CIRCUIT TO BE ROUTED THROUGH TIME CLOCK. REFER TO PANEL SCHEDULE.
- SEATING AREA LIGHTING - SEATING AREA LIGHTING CIRCUIT TO BE ROUTED THROUGH TIME CLOCK. REFER TO PANEL SCHEDULE.



LIGHT FIXTURE SCHEDULE

FIXTURE TAG	MANUFACTURER	MODEL	LIGHT SOURCE			DIMMING TYPE	MOUNTING TYPE	VOLTAGE	INPUT WATTS	DESCRIPTION	NOTES
			TYPE	LUMENS	COLOR TEMP						
A		OWNER	LED	0	0 K			120	30	OWNER TO SELECT LIGHT FIXTURE.	
B	DUAL LITE	EV-2-D-I	LED				WALL	120	2	EMERGENCY WALL PACK	1,2
C	BEACON	RWL1-48L-20-4K7-4W-UNV-EH	LED	2500	4,000 K		WALL	120	20	EXTERIOR WALL PACK W/ EM BATTERY	3,4

NOTES:

- PROVIDE WITH SELF-TESTING/SELF DIAGNOSTICS.
- PROVIDE FIXTURE WITH INTEGRAL BATTERY.
- PROVIDE FIXTURE WITH INTEGRAL BATTERY AND COLD WEATHER HEATER.
- OWNER SHALL VERIFY FINAL FINISH SELECTION.

GENERAL NOTES:

- PROVIDE ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION.
- CONTRACTOR SHALL VERIFY ALL FINISHES WITH OWNER PRIOR TO ORDERING.
- CONTRACTOR SHALL VERIFY CEILING TYPE PRIOR TO ORDERING ALL FIXTURES.

LIGHTING DEVICE SCHEDULE

DEVICE TAG	MANUFACTURER	MODEL	DESCRIPTION	DIMMING	SENSOR		TIME DELAY	MAX LOAD	MOUNTING TYPE	VOLTAGE	NOTES
					ON MODE	SENSOR TYPE					
OCCUPANCY SENSOR SWITCH											
OS1	WATTSTOPPER	DSW-301	PERSONAL CONTROL - DUAL OCC SENSOR	-	AUTO	DUAL	15 MINUTES	8.0 A	WALL	120	1

NOTES:

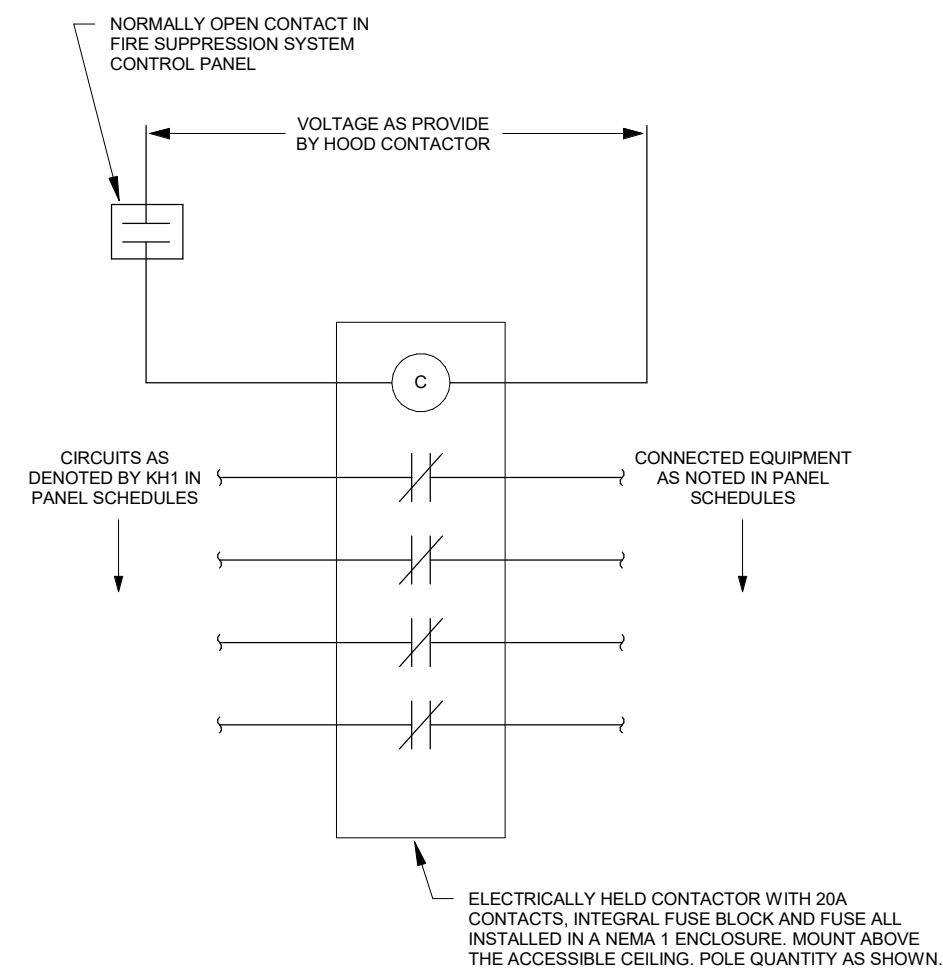
- OWNER SHALL SELECT COLOR FROM MANUFACTURER'S COLOR PALETTE.

GENERAL CONTROL NOTES:

- AUTO ON (OCCUPANCY MODE): LOAD TURNS ON AND OFF AUTOMATICALLY BASED ON OCCUPANCY. IF LOAD IS TURNED OFF MANUALLY, LOAD REMAINS OFF UNTIL 5 MINUTES AFTER OCCUPANT DETECTION, IT THEN REVERTS TO AUTO ON MODE.
- MANUAL ON (VACANCY MODE): OCCUPANT MUST MANUALLY PRESS ON/OFF BUTTON TO ENERGIZE THE LOAD. LOAD REMAINS ENERGIZED UNTIL NO MOTION IS DETECTED FOR THE SELECTED TIME DELAY.

GENERAL NOTES:

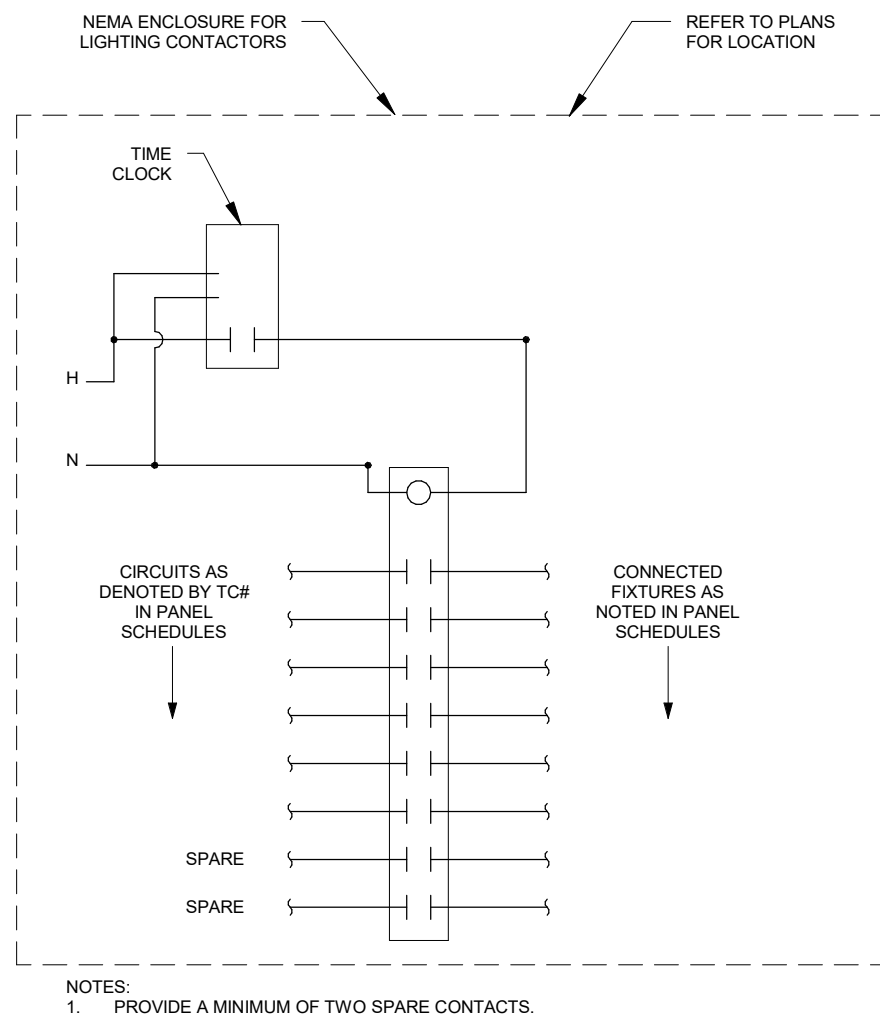
- PROVIDE ALL REQUIRED WIRING FOR A COMPLETE INSTALLATION. REFERENCE MANUFACTURER'S WIRING DIAGRAMS FOR ALL REQUIRED WIRING.
- DUAL TECHNOLOGY SENSORS OCCUPANCY LOGIC SHALL BE SELECTED FOR DETECTION BY EITHER TECHNOLOGY AND SHOULD ONLY REQUIRE ONE FOR INITIAL AND MAINTAINED OCCUPANCY AND RE-TRIGGER WHEN OPTION IS AVAILABLE.
- ALL PROGRAMMING, COMMISSIONING OF CONTROLS SHALL BE VERIFIED BY THE OWNER AND ENGINEER BY THE COMMISSIONING AGENT PRIOR TO COMMISSIONING.



- FIRE SUPPRESSION CONTROL DIAGRAM NOTES (APPLIES TO ALL FIRE SUPPRESSION CONTROL DIAGRAMS):**
- PROVIDE A CONTACTOR FOR EACH HOOD.
 - PROVIDE CONTACTORS AND POLES FOR ALL EQUIPMENT UNDER THE HOODS.
 - ANY KITCHEN EQUIPMENT LOCATED BELOW THE HOOD AND IS PROTECTED BY A CIRCUIT BREAKER LARGER THAN 20A WILL REQUIRE A DEDICATED CONTACTOR WITH CONTACT RATINGS EQUAL TO OR LARGER THAN THE CIRCUIT BREAKER PROTECTING THE EQUIPMENT. THE DEDICATED CONTACTOR SHALL BE WIRED IN PARALLEL TO THE 20A MULTI-POLE CONTACTOR.
 - THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT, WIRING, RELAYS, AND DEVICES AS SHOWN AND AS REQUIRED TO PROVIDE CONTROL INTERFACE BETWEEN HOOD FIRE SUPPRESSION SYSTEM TO CAUSE THE FOLLOWING TO OCCUR WHEN AGENT IS RELEASED:
 - DE-ENERGIZE ALL ELECTRICAL EQUIPMENT UNDER THE HOOD.
 - ENERGIZE OR MAINTAIN OPERATION OF EXHAUST FAN.
 - DE-ACTIVATE MAKE-UP AIR UNIT SERVING HOOD.
 - DE-ACTIVATE ROOFTOP UNIT SERVING KITCHEN.

3 FIRE SUPPRESSION CONTROL DIAGRAM

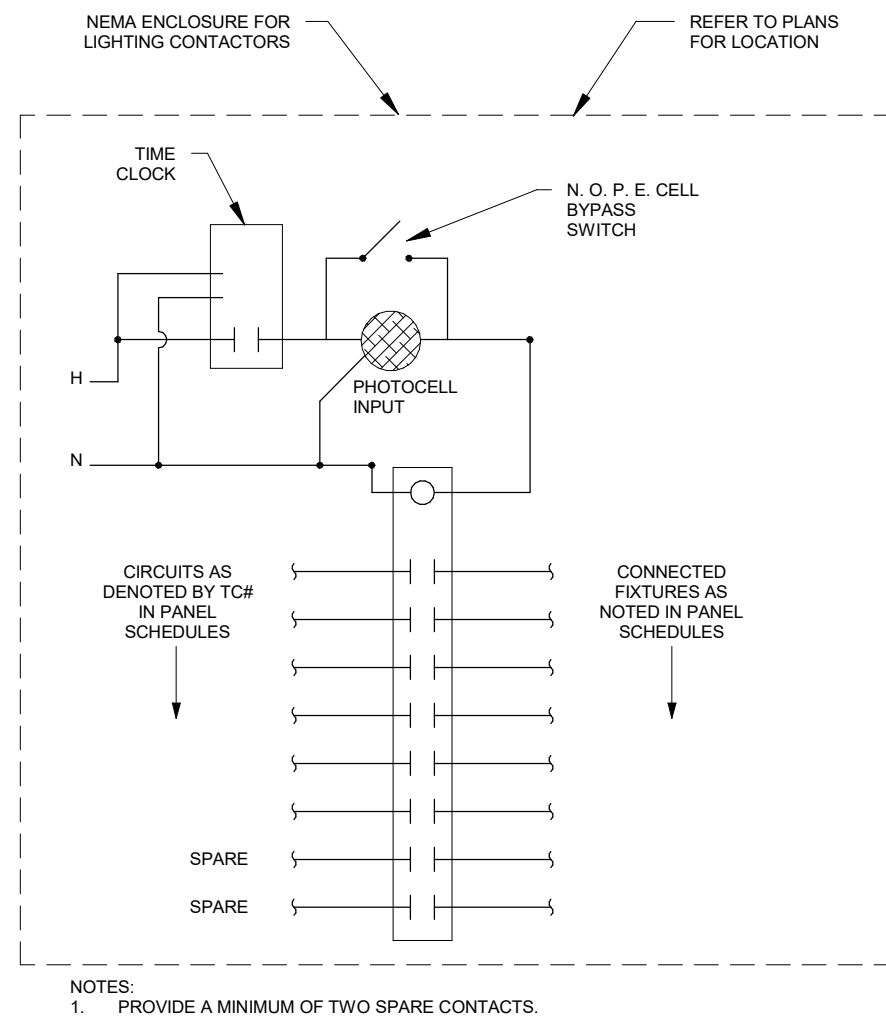
NOT TO SCALE



- NOTES:
- PROVIDE A MINIMUM OF TWO SPARE CONTACTS.

4 INTERIOR LIGHTING CONTACTOR DETAIL

NOT TO SCALE

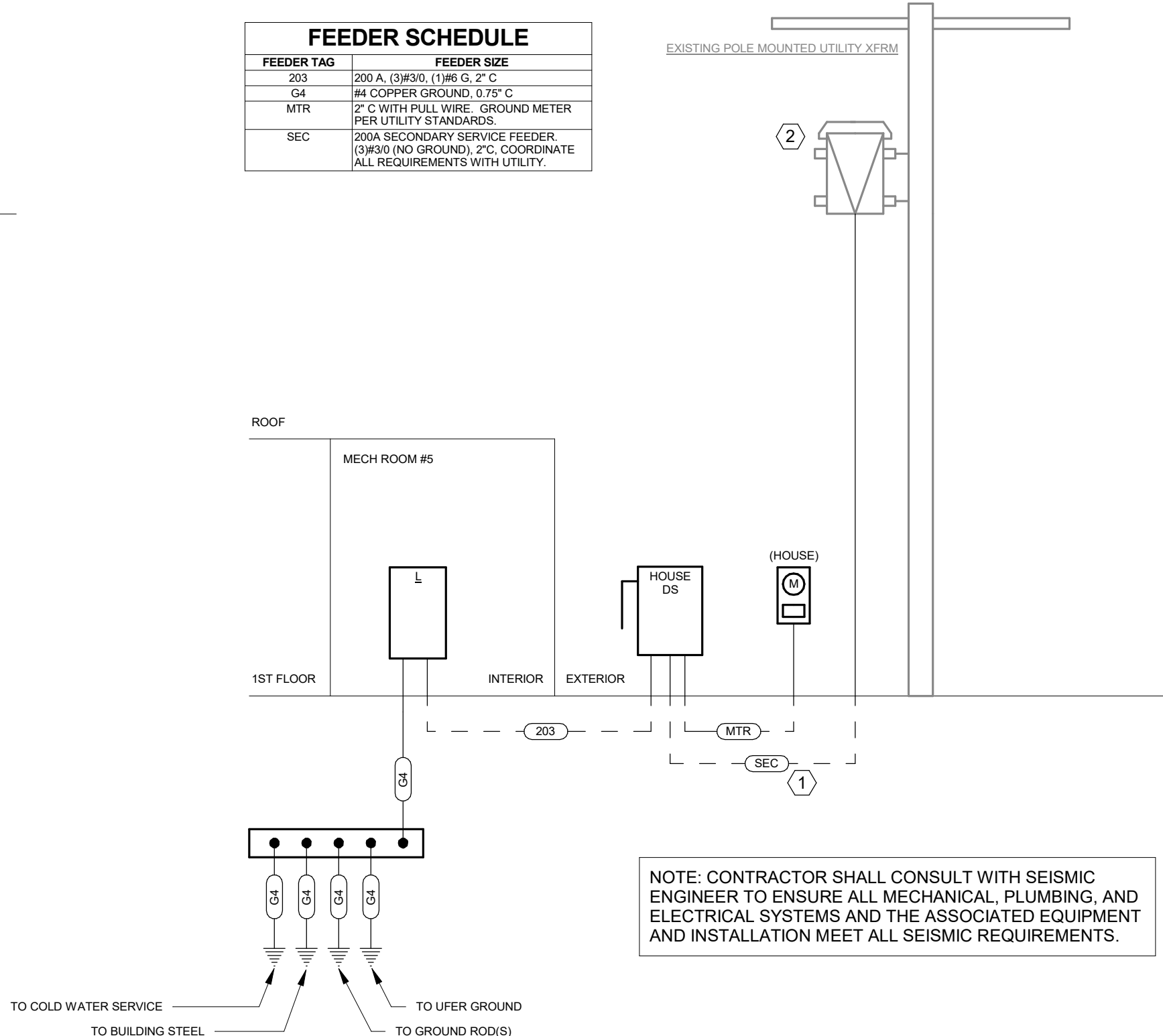


- NOTES:
- PROVIDE A MINIMUM OF TWO SPARE CONTACTS.

2 EXTERIOR LIGHTING CONTACTOR DETAIL

NOT TO SCALE

FEEDER SCHEDULE	
FEEDER TAG	FEEDER SIZE
203	200 A, (3W30, 1986 G, 2" C
GA	4X COPPER GROUND, 0.75" C
MTR	2" C WITH PULL WIRE, GROUND METER PER UTILITY STANDARDS
SEC	200A SECONDARY SERVICE FEEDER, (3W30 (NO GROUND), 2" C, COORDINATE ALL REQUIREMENTS WITH UTILITY



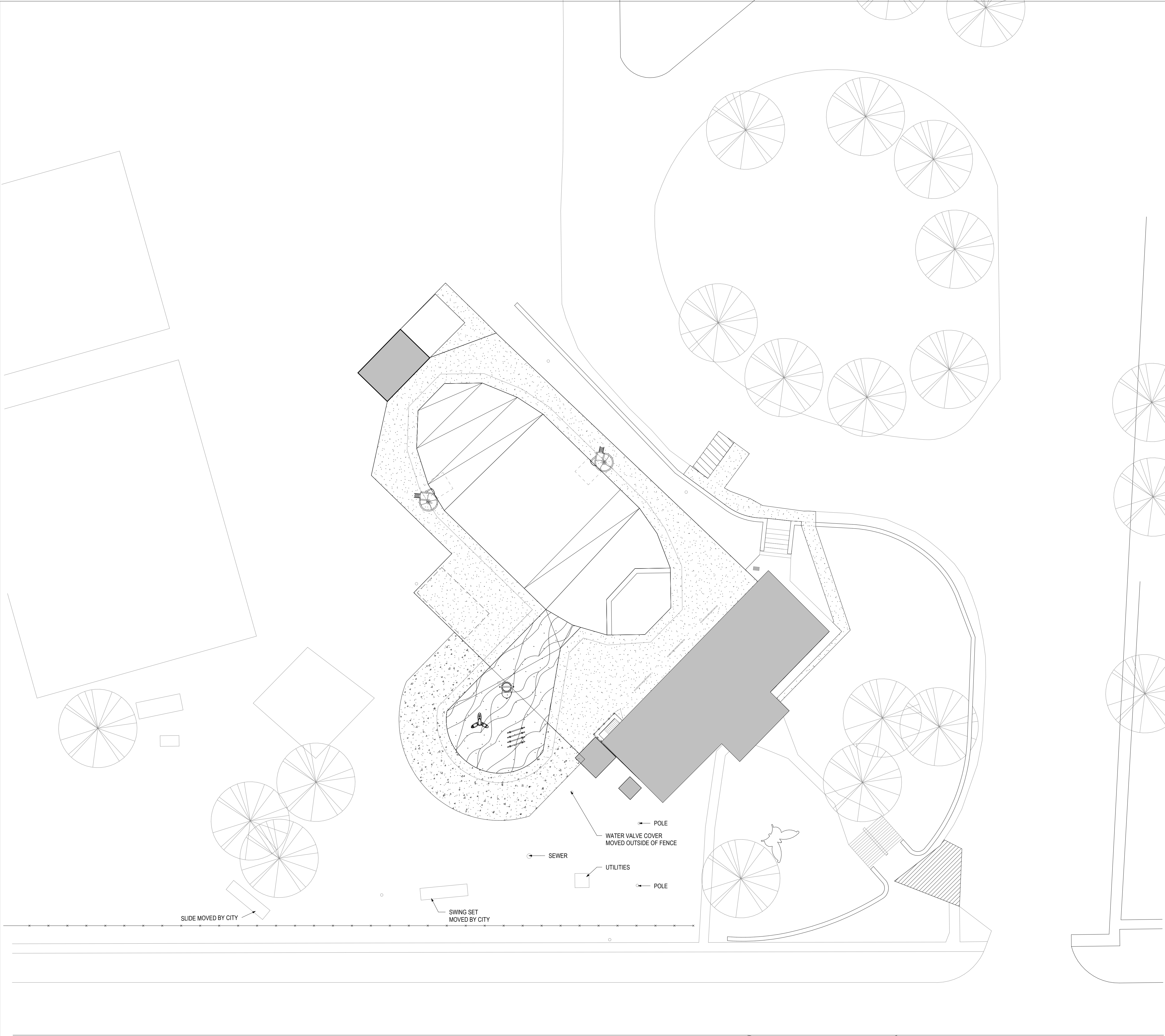
NOTE: CONTRACTOR SHALL CONSULT WITH SEISMIC ENGINEER TO ENSURE ALL MECHANICAL, PLUMBING, AND ELECTRICAL SYSTEMS AND THE ASSOCIATED EQUIPMENT AND INSTALLATION MEET ALL SEISMIC REQUIREMENTS.

1 ELECTRICAL RISER DIAGRAM

NOT TO SCALE

ELECTRICAL PLAN NOTES:

- SECONDARY CONDUITS - PROVIDE SECONDARY CONDUITS. COORDINATE ALL REQUIREMENTS WITH LOCAL UTILITY COMPANY.
- UTILITY TRANSFORMER - EXISTING UTILITY TRANSFORMER TO REMAIN.



NOT FOR CONSTRUCTION

Project Status



Manhattan Lawrence Emporia

ARCHITECTURE
BG Consultants, Inc.
4806 Vue Du Lac Place
Manhattan, KS 66503
ph: 785/537 7448
www.bgcons.com

CIVIL
BG Consultants, Inc.
4806 Vue Du Lac Place
Manhattan, KS 66503
ph: 785/537 7448
www.bgcons.com

MEP
BG Consultants, Inc.
1405 Wakarusa Drive
Lawrence, Kansas 66049
ph: 785/749 4474
www.bgcons.com

STRUCTURAL
BG Consultants, Inc.
4806 Vue Du Lac Place
Manhattan, KS 66503
ph: 785/537 7448
www.bgcons.com

City of Garnett

City Pool Improvements

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Revision Key

No.	Date	Revision
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Project Manager:

Project Manager Name

Project Designer:

Project Designer Name

Checked By:

Checked By

Project Number:

Project Number

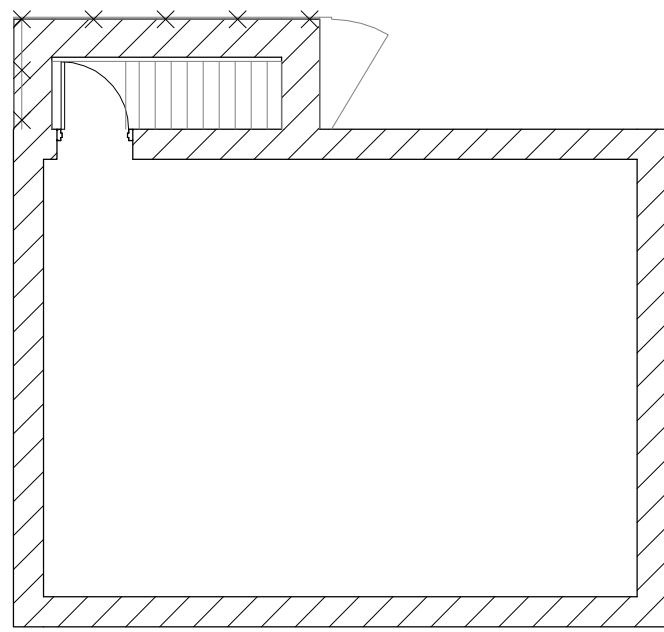
Date of Issue:

Issue Date

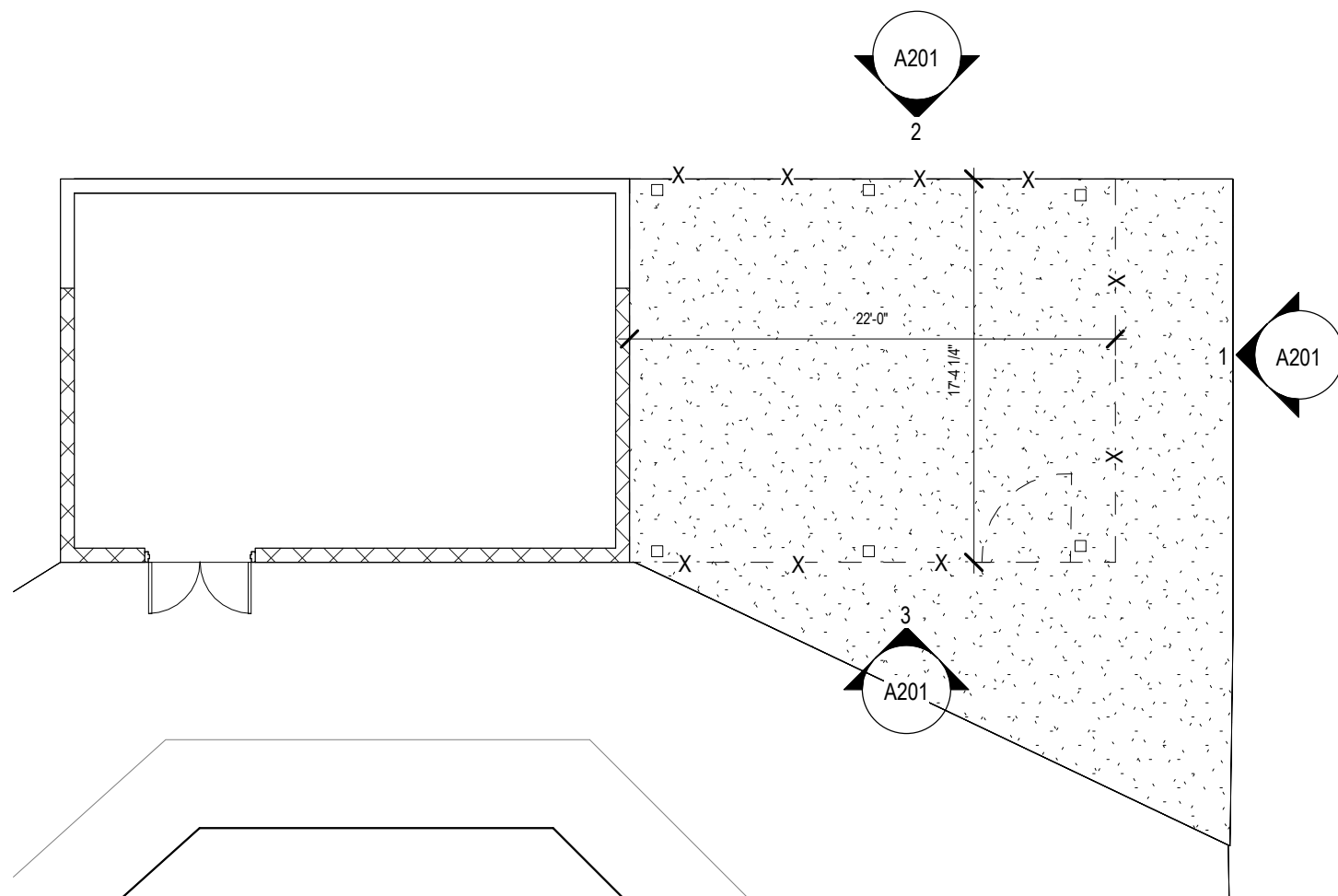
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A001

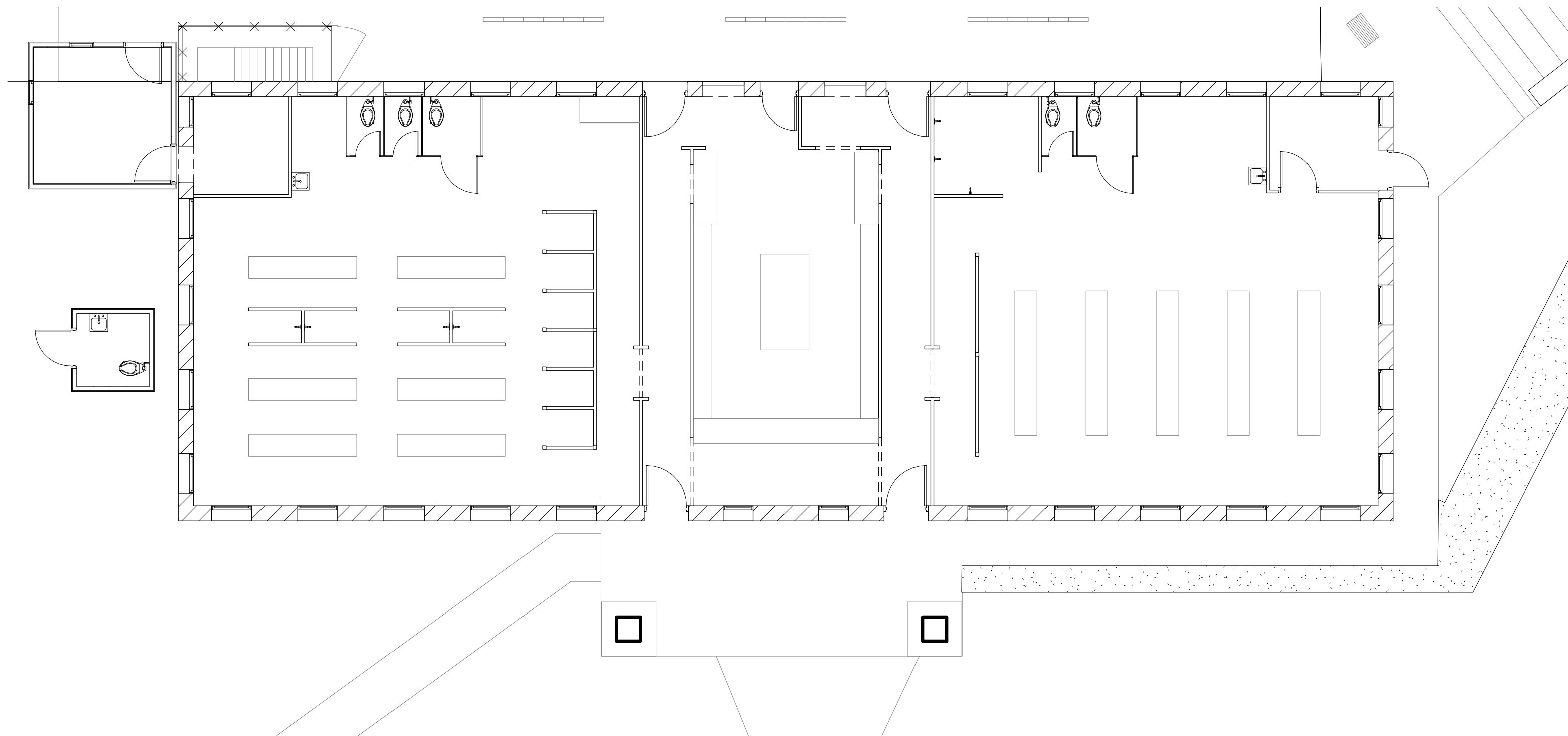
Conceptual Site Plan



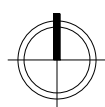
2 | Basement
A101 | SCALE: 1/8" = 1'-0"



3 | Chemical Room Plan
A101 | SCALE: 1/8" = 1'-0"



1 | First Floor Plan
A101 | SCALE: 1/8" = 1'-0"



Keynote Legend

Key Value	Description
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FLOOR PLAN GENERAL NOTES

- CONTRACTOR TO COORDINATE AND VERIFY ALL PLUMBING, ELECTRICAL, AND MECHANICAL ROUGH-IN REQUIREMENTS PRIOR TO INSTALLATION.
- ALL PARTITIONS TO BE TYPE _____ U.N.O. REFER TO PARTITION TYPE SCHEDULE FOR WALL ASSEMBLIES.
- REFER TO CODE PLANS FOR ANY RATED PARTITION CLARIFICATIONS.
- SEE STRUCTURAL DRAWINGS FOR LOCATIONS OF LOAD BEARING & SHEAR WALLS.
- REFER TO WALL SECTIONS FOR ALL EXTERIOR WALL ASSEMBLIES, TYP.

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Project Status



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BG Consultants, Inc.
4806 Vue Du Lac Place
Manhattan, KS 66503
ph: 785/537 7448
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BG Consultants, Inc.
1405 Wakarusa Drive
Lawrence, Kansas 66049
ph: 785/749 4474
www.bgcons.com

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BG Consultants, Inc.
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ph: 785/537 7448
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City of Garnett

City Pool Improvements

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Revision Key

No.	Date	Revision
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Project Manager:

Project Manager Name

Project Designer:

Project Designer Name

Checked By:

Checked By

Project Number:

Project Number

Date of Issue:

Issue Date

Sheet Number:

A101

First Floor Plan

Architects Opinion of Probable Construction Costs | Alternative 2

9/27/2024

The Opinion of Probable Construction Costs represents the Consultant's best judgement as a design professional and is supplied only for the guidance of the Client. Consultant has no control over the cost of labor and material, competitive bidding, or market conditions. The opinion is based on Consultant's recent experience and industry recognized estimation resources and adjusted to accommodate factors known to the Consultant at the time the Opinion is prepared. Consultant does not guarantee the accuracy of the Opinion as compared to actual bids or costs to the Client. Where a higher level of confidence in predicting anticipated construction cost than that provided in the Opinion is desired, the Client may engage the services of a professional cost estimator for this purpose.

Item	Construction Costs				
	Units	Quantity	\$/Unit	Budget	Alternates ☐ No ☒ Yes
Garnett Municipal Pool Improvements					
Pool Environs					
Demo, Fence	LF	184	6.8	\$1,251	☐
Demo, Diving Board	Ea	2	215	\$430	☐
Demo, Ladders	Ea	6	96.5	\$579	☐
Demo, Pool Concete Deck	CY	106.8	208	\$22,214	☐
Demo, Pool Basin Top Edge (for new gutters)	LS	1	9000	\$9,000	☐
Demo, Pool Main Drains and Inlets	LS	1	15000	\$15,000	☐
Repair/Restoration, Plaster and install Diamond Brite	LS	1	192000	\$192,000	☐
				\$0	☐
General Site Civil, Grading, Site Drainage	LS	1	15000	\$15,000	☐
Install, Cove Type Zero Depth w/filtration and chlorination; gunnite with plaster finish	LS	1	540000	\$540,000	☐
Install, Formed Gutters, all edges	LS	1	160000	\$160,000	☐
Install, Ladders, stainless steel, 2 steps	Ea	6	1650	\$9,900	☐
Install, Diving Board, 16'	Ea	2	7075	\$14,150	☐
Install, Slide, 10'	Ea	1	29200	\$29,200	☐
Install, Slide, 8'	Ea	1	12200	\$12,200	☐
Install, Concrete Deck, 5"	LS	1	60000	\$60,000	☐
Install, Chainlink Fence	LS	1	27000	\$27,000	☐
Install, Chainlink Fence Gate	Ea	3	515	\$1,545	☐
Install, Pool Deck Light Pole	Ea	6	5000	\$30,000	☐
Install, Main Drains	LS	1	12000	\$12,000	☐
Install, 8" Drain Piping	LF	450	30	\$13,500	☐
Install, 4" Supply Piping	LF	400	18	\$7,200	☐
Install, Chemical Treatment System	LS	1	12000	\$12,000	☐
Install, Sand Filter	LS	1	30000	\$30,000	☐
Install, Main Pump and Controls	LS	1	15000	\$15,000	☐
Install, Filter House Piping	LS	1	7200	\$7,200	☐
Install, Surge Tank	Ea	1	20000	\$20,000	☐
Install, Backflow and Auto Fill System	LS	1	9500	\$9,500	☐
Install, Electrical Service Equipment	LS	1	20000	\$20,000	☐
Install, Sanitary Sewer Service to Pool Equipment Bldg	LS	1	10000	\$10,000	☐
Remove and reset, Shade Structure	LS	1	15000	\$15,000	☐
Filtration Building					
Install, Concrete Deck, 5"	SF	826.58	8	\$6,613	☐
Install, Column Footings and Pedestals	LS	1	1774	\$1,774	☐
Install, Base Plates, 1/4"	SF	2.92	18.95	\$55	☐
Install, Base Plates, 1/2"	SF	2.5	38	\$95	☐

Install, Base Plates, 1/4" Fillet Weld	LF	24	22	\$528	○
Install, Base Plates, 3/4" Diameter Bolts	Ea	10	18.5	\$185	○
Install, Base Plates, 5/8" Adhesive Anchors	Ea	10	71	\$710	○
Install, Timber Columns	MBF	0.09	5600	\$504	○
Install, Beams, 6x14 Timber	MBF	0.37	5675	\$2,100	○
Install, Simpson Strong Ties	Ea	3	202	\$606	○
Install, 5/8" Diameter Bolts	Ea	18	18.5	\$333	○
Install, Simpson Strong Ties	Ea	1	448	\$448	○
Install, 5/8" Diameter Bolts	Ea	6	18.5	\$111	○
Install, Simpson Strong Ties	Ea	1	448	\$448	○
Install, 5/8" Diameter Bolts	Ea	6	18.5	\$111	○
Install, Roof Trusses	SF	388.25	4.75	\$1,844	○
Install, Decking, 5/8" Plywood	SF	388.25	2.33	\$905	○
Install, Roofing, Underlayment	SQ	8.64	38	\$328	○
Install, Roofing System	SF	864	9.75	\$8,424	○
Install, Roofing Ridge Edge Flashing	LF	132	13.65	\$1,802	○
Install, Roofing, Gutter	LF	48	11.8	\$566	○
Install, Roofing, Downspout	LF	15	11.15	\$167	○
Install, Roofing, Downspout Elbo	Ea	3	32	\$96	○
Install, Fencing, Chainlink	LF	62	80.38	\$4,984	○
Install, Fencing, Chainlink Gate	Ea	2	515	\$1,030	○
Install, Lighting and Convenience Power	LS	1	3500	\$3,500	○

Site Environs | ADA Route

Install, Paving, Pedestrian	SF	831	8	\$6,648	○
Install, Paving, Striping	LF	167	0.39	\$65	○
Install, Precast Concrete Parking Bumper	Ea	1	128	\$128	○
Install, ADA Sign on Post	Ea	1	250	\$250	○

Totals

Construction Subtotal				\$1,356,228	
Construction Base (i.e. bond insurance, mobilization, etc)		30%		\$406,868.28	

Construction Miscellaneous (i.e. equipment, project sign, etc)		15%		\$203,434.14	
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Estimated Construction Cost **\$1,966,530**

Topographic Surveying				\$10,000	
Geotechnical				\$5,000	
Hazardous Materials Survey				\$5,000	
Legal / Financing		6.00%		\$117,992	
Design and Engineering		7.00%		\$137,657	
Construction Administration / Inspection		5.25%		\$103,243	
Grant Administration				\$0	

Total Project Cost **\$2,345,422**

Optional Project Betterment & Additives

Bath House

Restoration/Repair, Reroof, Demo Roofing System	SF	4012	1.753	\$7,033	●
Restoration/Repair, Reroof, Demo Flashing	LF	297	0.58	\$172	●
Restoration/Repair, Reroof, Demo Gutter	LF	164	2.42	\$397	●
Restoration/Repair, Reroof, Install Felt	SF	4012	0.42	\$1,685	●
Restoration/Repair, Reroof, Install Asphaltic Shingles	SQ	40.12	286	\$11,474	●
Restoration/Repair, Reroof, Install Gutter	LF	264	10.4	\$2,746	●
Restoration/Repair, Reroof, Install Downspouts	LF	100	10.95	\$1,095	●

Restoration/Repair, Reroof	SF			\$0	●
Restoration/Repair, Cementitious Plaster Allowance	SF	114.4	78.55	\$8,986	●
Counter modification to ADA compliance, demo	LF	27.4	60.6	\$1,660	●
Counter modification to ADA compliance, install	LF	27.4	356	\$9,754	●
Toilet stall modifications to ADA compliance, demo	Ea	2	145	\$290	●
Toilet stall modifications to ADA compliance, install	Ea	2	2025	\$4,050	●
Toilet stall modifications to ADA compliance, grab bars	Ea	2	170.5	\$341	●
Concessions modifications to ADA compliance, window	LS	1	800	\$800	●
Shower modifications to ADA compliance, controls	Ea	2	1000	\$2,000	●
Construction Subtotal				\$52,484	
Construction Base (i.e. bond insurance, mobilization, etc)			30%	\$15,745.23	
Construction Miscellaneous (i.e. equipment, project sign, etc)			20%	\$10,496.82	
Estimated Construction Cost				\$78,726	
Zero-Depth Entry Features					
Ground Spray Tunnel	Ea	1	3470	\$3,470	●
Waterfall	Ea	1	17210	\$17,210	●
Mega Soaker	Ea	1	33985	\$33,985	●
Installation	LS	1		\$0	●
Construction Subtotal				\$54,665	
Construction Base (i.e. bond insurance, mobilization, etc)			30%	\$16,399.50	
Construction Miscellaneous (i.e. equipment, project sign, etc)			20%	\$10,933.00	
Estimated Construction Cost				\$81,998	

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT_
GOVERNMENT ADMINISTRAT	GENERAL	BG CONSULTANTS, INC.	POOL REHAB	924.00
		GARNETT POST OFFICE	UTILITY BILLING - OCTOBER	700.00
		GARNETT PUBLISHING, INC.	PUBLISH ORD. #4266	41.92
			PUBLISH ORD 4265	44.96
			PUBLISH ORD 4264	46.48
			PUBLISH ORD 4263	38.88
			PUBLISH ORD 4262	40.40
		GILMORE & BELL, P.C.	ANNUAL REPORT FISCAL YEAR	1,500.00
		DAZZEE IT SERVICES	IT SECURITY	995.00
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	318.18
			VISA-SEE BREAKDOWN FILE	575.30
			VISA-SEE BREAKDOWN FILE	71.00
			VISA-SEE BREAKDOWN FILE	90.26
			VISA-SEE BREAKDOWN FILE	523.70
			VISA-SEE BREAKDOWN FILE	37.50
			VISA-SEE BREAKDOWN FILE	12.98
			VISA ADOBE	21.59
			VISA-MICRSOFT	26.40
			CITY HALL WOMENS RESTROOM	174.30
			TOTAL:	6,182.85
COMMUNITY DEVELOPMENT	GENERAL	KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	171.33
			VISA-SEE BREAKDOWN FILE	275.00
			VISA-SEE BREAKDOWN FILE	69.16
			VISA-SEE BREAKDOWN FILE	32.64
			VISA ADOBE	21.49
			VISA-MICRSOFT	9.90
			TOTAL:	579.52
PARKS, RECREATION & CE	GENERAL	COLE, WYATT W.	1 @ \$60.00 10.2.24	60.00
			CAMPSITE/SOCCER FIELD	170.00
		D & S SANITATION LLC	CAMPSITE/SOCCER/SCOUT BLDG	255.00
			T-SHIRTS AND NAME (66)	462.50
		FRONT ROW SPORTS	WOOD PRETREATED	168.89
			WOOD PRETREATED	19.17
			WOOD PRETREATED	87.58
		SPROW, BARRY	1 @ \$60.00 10.2.24	60.00
			PEE WEE FTBALL CHAMPRO X 2	30.00
		TACHIKARAX 25	TACHIKARAX 25	787.50
			1 @ \$60.00 10.2.24	60.00
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	269.23
			CSE LARGE WHITE TOWELS	64.00
		LANCO DISTRIBUTION, INC	WATER 12 CASES	35.88
			MOWER REPIR	536.15
		PYRAMID FOODS dba COUNTRY MART	ANNUAL SUBSCRIPTION	4,200.00
			VISA-SEE BREAKDOWN FILE	55.00
		R & R EQUIPMENT, INC.	VISA-SEE BREAKDOWN FILE	62.36
			VISA-SEE BREAKDOWN FILE	49.49
			VISA-SEE BREAKDOWN FILE	158.39
		RECDESK SOFTWARE	VISA-MICRSOFT	3.30
			1 @ \$60.00 10.2.2024	60.00
		WHITAKER, TYREE	SEPT 14 @ \$15.00	210.00
			TOTAL:	7,864.44
STREET & STORMWATER	GENERAL	GARNETT HOME CENTER	EASY OFF DEGREASER/MOUSE T	11.78
			SRVY STAKE/FLAGGING/BLK MA	27.36

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	195.80
		PYRAMID FOODS dba COUNTRY MART	WATER 12 CASES	35.88
		VISA - CARD SERVICES	VISA-SEE BREAKDOWN FILE	50.00
			VISA-SEE BREAKDOWN FILE	29.41
			VISA-SEE BREAKDOWN FILE	10.73
			VISA-MICROSOFT	0.66
			TOTAL:	361.62
MUNICIPAL AIRPORT	AIRPORT	VISA - CARD SERVICES	VISA-SEE BREAKDOWN FILE	19.95
			VISA-SEE BREAKDOWN FILE	89.99
			VISA-SEE BREAKDOWN FILE	130.53
			TOTAL:	240.47
LIBRARY	LIBRARY	AMAZON	AMAZON SUPPLY/PROGRAMS	133.80
			AMAZON SUPPLY/PROGRAMS	20.32
			AMAZON SUPPLY/PROGRAMS	24.49
		STIFTER, TYLER	MOWING 9/9 & 9/25	100.00
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	48.95
		MIDWEST TAPE, LLC	DIGITAL BOOK/MUSIC	124.61
		THE IOLA REGISTER, INC.	THE IOLA REGISTER (12MTH)	172.10
		VISA - CARD SERVICES	VISA-SEE BREAKDOWN FILE	19.71
			VISA-SEE BREAKDOWN FILE	15.31
			VISA-SEE BREAKDOWN FILE	25.00
			VISA-SEE BREAKDOWN FILE	44.00
		WRIGHT'S CONSTRUCTION	BABY CHANGING TABLES (2)	250.00
			TOTAL:	978.29
FIRE DEPARTMENT	PUBLIC SAFETY	HAYS FIRE AND RESCUE SALES & SERVICE L	PUMP TESTING 2 ENGINES/LAD	1,500.00
		AV TIRE LLC	TIRE DISMOUNT/MOUNT (6)	210.00
			TPMS SENSOR /TAHOE	70.00
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	48.95
		MFA OIL CO - PETRO CARD 24	MFA OIL CO - PETRO CARD 24	195.23
		VISA - CARD SERVICES	VISA-SEE BREAKDOWN FILE	64.26
			VISA-SEE BREAKDOWN FILE	129.20
			VISA-MICROSOFT	3.30
			TOTAL:	2,220.94
POLICE DEPARTMENT	PUBLIC SAFETY	ANDERSON CO SHERIFF'S DEPT.	INMATE HOUSING	105.00
			LIVESCAN	150.00
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	367.13
		MFA OIL CO - PETRO CARD 24	MFA OIL CO - PETRO CARD 24	1,438.21
		VISA - CARD SERVICES	VISA-SEE BREAKDOWN FILE	1,302.31
			VISA-SEE BREAKDOWN FILE	71.23
			VISA-SEE BREAKDOWN FILE	54.39
			VISA-SEE BREAKDOWN FILE	795.00
			VISA-SEE BREAKDOWN FILE	16.82
			VISA-SEE BREAKDOWN FILE	57.00
			VISA-SEE BREAKDOWN FILE	238.45
			VISA-MICROSOFT	16.50
			TOTAL:	4,612.04
SPECIAL HIGHWAY	SPECIAL HIGHWAY	MCANANY CONSTRUCTION	ASPHALT/RUMBLESTRIP/NORTH	32,274.00
			RETAINAGE LAKE GARNETT SPD	51,328.00
		WHITAKER AGGREGATES, INC.	CRUSHER RUN/CLEAN	77.03
			TOTAL:	83,679.03

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT_
ELECTRIC PRODUCTION	ELECTRIC	KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	122.38
		PYRAMID FOODS dba COUNTRY MART	WATER 6 CASES	17.94
		ST LUKES HEALTH SYSTEM	TESTING/ G HOLLER	115.00
		VISA - CARD SERVICES	VISA-SEE BREAKDOWN FILE	145.00
			VISA-SEE BREAKDOWN FILE	170.00
			VISA-SEE BREAKDOWN FILE	887.80
			TOTAL:	1,458.12
ELECTRIC DISTRIBUTION	ELECTRIC	ANIXTER, INC.	RETURN INV. 6113158-00	707.23-
			LINE HARDWARE	2,928.84
			RAILTRAIL WIRE 2 LIGHT REP	450.00
		BORDER STATES INDUSTRIES, INC	METERS (2)	939.93
			HUTL-JE0L0M00 (2)	374.17
			LINE HARDWARE	279.62
		GARNETT HOME CENTER	BOLT-ON-HUB	28.99
			2024 QTR DUES	171.33
		KANSAS MUNICIPAL UTILITIES, INC	CRANE OPER CER - DONNIE DI	900.00
			CRANE OPER CER - CONNER BA	900.00
		LEO'S AUTO SUPPLY, INC.	BEARING (2) BIG WHITE	69.90
		KMEA MID-STATES	TIE RECLOSER	14,874.80
		PYRAMID FOODS dba COUNTRY MART	WATER 12 CASES	35.88
		STANION WHOLESale ELECT. CO.	TEMPLEX FRICTION TAPE/COVE	935.56
		UCI TESTING	CREDIT - KOBOLD	15.00-
			TOTAL:	22,166.79
GAS	GAS	AMERICAN PUBLIC GAS ASSOCIATION	2025 MEMBERSHIP DUES	1,391.07
		ENCORE ENERGY SERVICES, INC	SWAP FOR SEPTEMBER	27,600.00
		GARNETT HOME CENTER	4PK "C" BATTERY	27.98
		SOUTHERN STAR CENTRAL GAS PIPELINE INC	SOUTHERN STAR CENTRAL GAS	26,869.93
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	97.90
		LANCO DISTRIBUTION, INC	ROLL LARGE WHITE TOWELS	32.00
		PYRAMID FOODS dba COUNTRY MART	WATER 6 CASES	17.94
		VISA - CARD SERVICES	VISA ADOBE	10.75
			VISA-MICRSOFT	0.66
			TOTAL:	56,048.23
SANITATION	SANITATION	TT&T SALVAGE & TOWING	TRASH TRUCK TO INLAND OLAT	654.00
		CLEAVER FARM AND HOME	SHEET 14 GA(2) 10GA(2) TUB	518.10
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	122.38
		PATRIOT'S BANK	FRIEGHTLINER 2024 PAYMENT	27,126.06
		PYRAMID FOODS dba COUNTRY MART	WATER 12 CASES	35.88
		UCI TESTING	DOT/MRO - GREEN	115.00
			CREDIT - REYNOLDS	15.00-
		VISA - CARD SERVICES	VISA-MICRSOFT	0.66
			TOTAL:	28,557.08
WASTEWATER	WASTEWATER	KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	97.90
		PYRAMID FOODS dba COUNTRY MART	WATER 12 CASES	35.88
		VISA - CARD SERVICES	VISA-MICRSOFT	0.66
			TOTAL:	134.44
WATER	WATER	ACCURATE ENVIRONMENTAL LLC	DPD FREE CHLROINE REAGENT	261.05
		GRAINGER	BULK FILL STATION MAINT	411.24
		HACH CHEMICAL COMPANY	BENCHTOP METER/PH LIQ PROB	1,854.10
		HAWKINS, INC.	CHEMICALS	16,307.50
			CHLORINE/CHLORINE CYLINDER	1,399.47

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	220.28
		MCCLURE ENGINEERING	WATER TREATMENT PLANT	3,125.00
		OLATHE WINWATER WORKS CO.	LID (2) EXT RING (2)	560.00
		PYRAMID FOODS dba COUNTRY MART	WATER 6 CASES	17.94
			WATER 6 CASES	17.94
		UCI TESTING	DOT/MRO - HOLLER	115.00
		VISA - CARD SERVICES	VISA-SEE BREAKDOWN FILE	212.79
			VISA-SEE BREAKDOWN FILE	144.99
			VISA-SEE BREAKDOWN FILE	40.98
			VISA-SEE BREAKDOWN FILE	195.27
			VISA ADOBE	10.74
			VISA-MICROSOFT	0.66
		WHITAKER AGGREGATES, INC.	CRUSHER RUN/CLEAN	268.38
			TOTAL:	25,163.33
ECONOMIC DEVELOPMENT	ECONOMIC DEVELOPMENT	MILLS, JESSICA	REIMB WORKSHOP REGISTRATIO	25.00
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	48.94
		VISA - CARD SERVICES	VISA-SEE BREAKDOWN FILE	17.00
			VISA-SEE BREAKDOWN FILE	10.88
			VISA ADOBE	21.49
			VISA-MICROSOFT	3.30
			TOTAL:	126.61
PARKSIDE #1	PARKSIDE #1	C.E.S.	BULBS/KIDDE SAFETY/TP11	201.46
			GHA BLDG MAINT	196.00
		DIGITAL CONNECTIONS, INC.	GHA COPIES	99.20
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	48.94
		MILLER HARDWARE	C+K INT EGG/BRUSH	31.19
		QUILL CORPORATION	OFFICE / CLEANING SUPPLIES	79.93
			OFFICE / CLEANING SUPPLIES	30.33
			TOTAL:	687.05
PARKSIDE #2	PARKSIDE #2	C.E.S.	BULBS/KIDDE SAFETY/TP11	201.46
			GHA BLDG MAINT	196.00
		DIGITAL CONNECTIONS, INC.	GHA COPIES	99.20
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	48.94
		MILLER HARDWARE	C+K INT EGG/BRUSH	31.19
		QUILL CORPORATION	OFFICE / CLEANING SUPPLIES	79.93
			OFFICE / CLEANING SUPPLIES	30.33
			TOTAL:	687.05
PARK PLAZA NORTH	PARK PLAZA NORTH	C.E.S.	BULBS/KIDDE SAFETY/TP11	201.47
		DIGITAL CONNECTIONS, INC.	GHA COPIES	99.20
		KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	48.94
		MILLER HARDWARE	C+K INT EGG/BRUSH	31.19
		QUILL CORPORATION	OFFICE / CLEANING SUPPLIES	79.92
			OFFICE / CLEANING SUPPLIES	30.33
		WOLKEN PLBG. & ELECTRIC, INC.	PTAC - DELIVERED	1,504.00
			WATER HEATER	1,112.66
			TOTAL:	3,107.71
EQUIPMENT RESERVES	EQUIPMENT RESERVE	AMERICAN EQUIPMENT CO	2005 GMC	16,242.82
			TOTAL:	16,242.82
TAX REFUND RESERVES	TAX REFUND RESERVE	ANDERSON CO TREASURER	ANDERSON CO TREA 2018-2022	307,511.50
			TOTAL:	307,511.50

DEPARTMENT	FUND	VENDOR NAME	DESCRIPTION	AMOUNT_
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===== FUND TOTALS =====				
101	GENERAL		14,988.43	
102	AIRPORT		240.47	
104	LIBRARY		978.29	
105	PUBLIC SAFETY		6,832.98	
106	SPECIAL HIGHWAY		83,679.03	
109	ELECTRIC		23,624.91	
110	GAS		56,048.23	
111	SANITATION		28,557.08	
112	WASTEWATER		134.44	
113	WATER		25,163.33	
114	ECONOMIC DEVELOPMENT		126.61	
115	PARKSIDE #1		687.05	
116	PARKSIDE #2		687.05	
117	PARK PLAZA NORTH		3,107.71	
119	EQUIPMENT RESERVE		16,242.82	
120	TAX REFUND RESERVE		307,511.50	

	GRAND TOTAL:		568,609.93	

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT_
ACCURATE ENVIRONMENTAL LLC	DPD FREE CHLROINE REAGENT	WATER	WATER	261.05_
			TOTAL:	261.05_
AMAZON	AMAZON SUPPY/PROGRAMS	LIBRARY	LIBRARY	133.80
	AMAZON SUPPY/PROGRAMS	LIBRARY	LIBRARY	20.32
	AMAZON SUPPY/PROGRAMS	LIBRARY	LIBRARY	24.49_
			TOTAL:	178.61
AMERICAN EQUIPMENT CO	2005 GMC	EQUIPMENT RESERVE	EQUIPMENT RESERVES	16,242.82_
			TOTAL:	16,242.82_
AMERICAN PUBLIC GAS ASSOCIATION	2025 MEMBERSHIP DUES	GAS	GAS	1,391.07_
			TOTAL:	1,391.07_
ANDERSON CO SHERIFF'S DEPT.	INMATE HOUSING	PUBLIC SAFETY	POLICE DEPARTMENT	105.00
	LIVESCAN	PUBLIC SAFETY	POLICE DEPARTMENT	150.00_
			TOTAL:	255.00
ANDERSON CO TREASURER	ANDERSON CO TREA 2018-2022	TAX REFUND RESERVE	TAX REFUND RESERVES	307,511.50_
			TOTAL:	307,511.50
ANIXTER, INC.	RETURN INV. 6113158-00	ELECTRIC	ELECTRIC DISTRIBUTION	707.23-
	LINE HARDWARE	ELECTRIC	ELECTRIC DISTRIBUTION	2,928.84
	RAILTRAIL WIRE 2 LIGHT REP	ELECTRIC	ELECTRIC DISTRIBUTION	450.00_
			TOTAL:	2,671.61
AV TIRE LLC	TIRE DISMOUNT/MOUNT (6)	PUBLIC SAFETY	FIRE DEPARTMENT	210.00
	TPMS SENSOR /TAHOE	PUBLIC SAFETY	FIRE DEPARTMENT	70.00_
			TOTAL:	280.00
BATS ON DECK	PEE WEE FTBALL CHAMPRO X 2	GENERAL	PARKS, RECREATION & CE	30.00
	TACHIKARAX 25	GENERAL	PARKS, RECREATION & CE	787.50_
			TOTAL:	817.50
BG CONSULTANTS, INC.	POOL REHAB	GENERAL	GOVERNMENT ADMINISTRAT	924.00_
			TOTAL:	924.00
BORDER STATES INDUSTRIES, INC	METERS (2)	ELECTRIC	ELECTRIC DISTRIBUTION	939.93
	HUTL-JE0LOM00 (2)	ELECTRIC	ELECTRIC DISTRIBUTION	374.17
	LINE HARDWARE	ELECTRIC	ELECTRIC DISTRIBUTION	279.62_
			TOTAL:	1,593.72
C.E.S.	BULBS/KIDDE SAFETY/TP11	PARKSIDE #1	PARKSIDE #1	201.46
	GHA BLDG MAINT	PARKSIDE #1	PARKSIDE #1	196.00
	BULBS/KIDDE SAFETY/TP11	PARKSIDE #2	PARKSIDE #2	201.46
	GHA BLDG MAINT	PARKSIDE #2	PARKSIDE #2	196.00
	BULBS/KIDDE SAFETY/TP11	PARK PLAZA NORTH	PARK PLAZA NORTH	201.47_
			TOTAL:	996.39
CLEAVER FARM AND HOME	SHEET 14 GA(2) 10GA(2) TUB	SANITATION	SANITATION	518.10_
			TOTAL:	518.10_
COLE, WYATT W.	1 @ \$60.00 10.2.24	GENERAL	PARKS, RECREATION & CE	60.00_
			TOTAL:	60.00
D & S SANITATION LLC	CAMPSITE/SOCCER FIELD	GENERAL	PARKS, RECREATION & CE	170.00

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT_
	CAMPSITE/SOCCER/SCOUT BLDG	GENERAL	PARKS, RECREATION & CE	255.00_
			TOTAL:	425.00_
DAZZEE IT SERVICES	IT SECURITY	GENERAL	GOVERNMENT ADMINISTRAT	995.00_
			TOTAL:	995.00_
DIGITAL CONNECTIONS, INC.	GHA COPIES	PARKSIDE #1	PARKSIDE #1	99.20
	GHA COPIES	PARKSIDE #2	PARKSIDE #2	99.20
	GHA COPIES	PARK PLAZA NORTH	PARK PLAZA NORTH	99.20_
			TOTAL:	297.60_
ENCORE ENERGY SERVICES, INC	SWAP FOR SEPTEMBER	GAS	GAS	27,600.00_
			TOTAL:	27,600.00_
FRONT ROW SPORTS	T-SHIRTS AND NAME (66)	GENERAL	PARKS, RECREATION & CE	462.50_
			TOTAL:	462.50_
GARNETT HOME CENTER	WOOD PRETREATED	GENERAL	PARKS, RECREATION & CE	168.89
	WOOD PRETREATED	GENERAL	PARKS, RECREATION & CE	19.17
	WOOD PRETREATED	GENERAL	PARKS, RECREATION & CE	87.58
	EASY OFF DEGREASER/MOUSE T	GENERAL	STREET & STORMWATER	11.78
	SRVY STAKE/FLAGGING/BLK MA	GENERAL	STREET & STORMWATER	27.36
	BOLT-ON-HUB	ELECTRIC	ELECTRIC DISTRIBUTION	28.99
	4PK "C" BATTERY	GAS	GAS	27.98_
			TOTAL:	371.75_
GARNETT POST OFFICE	UTILITY BILLING - OCTOBER	GENERAL	GOVERNMENT ADMINISTRAT	700.00_
			TOTAL:	700.00_
GARNETT PUBLISHING, INC.	PUBLISH ORD. #4266	GENERAL	GOVERNMENT ADMINISTRAT	41.92
	PUBLISH ORD 4265	GENERAL	GOVERNMENT ADMINISTRAT	44.96
	PUBLISH ORD 4264	GENERAL	GOVERNMENT ADMINISTRAT	46.48
	PUBLISH ORD 4263	GENERAL	GOVERNMENT ADMINISTRAT	38.88
	PUBLISH ORD 4262	GENERAL	GOVERNMENT ADMINISTRAT	40.40_
			TOTAL:	212.64_
GILMORE & BELL, P.C.	ANNUAL REPORT FISCAL YEAR	GENERAL	GOVERNMENT ADMINISTRAT	1,500.00_
			TOTAL:	1,500.00_
GRAINGER	BULK FILL STATION MAINT	WATER	WATER	411.24_
			TOTAL:	411.24_
HACH CHEMICAL COMPANY	BENCHTOP METER/PH LIQ PROB	WATER	WATER	1,854.10_
			TOTAL:	1,854.10_
HAWKINS, INC.	CHEMICALS	WATER	WATER	16,307.50
	CHLORINE/CHLORINE CYLINDER	WATER	WATER	1,399.47_
			TOTAL:	17,706.97_
HAYS FIRE AND RESCUE SALES & SERVICE L	PUMP TESTING 2 ENGINES/LAD	PUBLIC SAFETY	FIRE DEPARTMENT	1,500.00_
			TOTAL:	1,500.00_
MIDWEST TAPE, LLC	DIGITAL BOOK/MUSIC	LIBRARY	LIBRARY	124.61_
			TOTAL:	124.61_
HOYT, ROGER K	1 @ \$60.00 10.2.24	GENERAL	PARKS, RECREATION & CE	60.00

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT_
			TOTAL:	60.00
KANSAS MUNICIPAL UTILITIES, INC	2024 QTR DUES	GENERAL	GOVERNMENT ADMINISTRAT	318.18
	2024 QTR DUES	GENERAL	COMMUNITY DEVELOPMENT	171.33
	2024 QTR DUES	GENERAL	PARKS, RECREATION & CE	269.23
	2024 QTR DUES	GENERAL	STREET & STORMWATER	195.80
	2024 QTR DUES	LIBRARY	LIBRARY	48.95
	2024 QTR DUES	PUBLIC SAFETY	FIRE DEPARTMENT	48.95
	2024 QTR DUES	PUBLIC SAFETY	POLICE DEPARTMENT	367.13
	2024 QTR DUES	ELECTRIC	ELECTRIC PRODUCTION	122.38
	2024 QTR DUES	ELECTRIC	ELECTRIC DISTRIBUTION	171.33
	CRANE OPER CER - DONNIE DI	ELECTRIC	ELECTRIC DISTRIBUTION	900.00
	CRANE OPER CER - CONNER BA	ELECTRIC	ELECTRIC DISTRIBUTION	900.00
	2024 QTR DUES	GAS	GAS	97.90
	2024 QTR DUES	SANITATION	SANITATION	122.38
	2024 QTR DUES	WASTEWATER	WASTEWATER	97.90
	2024 QTR DUES	WATER	WATER	220.28
	2024 QTR DUES	ECONOMIC DEVELOPME	ECONOMIC DEVELOPMENT	48.94
	2024 QTR DUES	PARKSIDE #1	PARKSIDE #1	48.94
	2024 QTR DUES	PARKSIDE #2	PARKSIDE #2	48.94
	2024 QTR DUES	PARK PLAZA NORTH	PARK PLAZA NORTH	48.94
			TOTAL:	4,247.50
KLEHAMMER, BRENDA JE'NELLE	SEPT 14 @ \$15.00	GENERAL	PARKS, RECREATION & CE	210.00
			TOTAL:	210.00
KMEA MID-STATES	TIE RECLOSER	ELECTRIC	ELECTRIC DISTRIBUTION	14,874.80
			TOTAL:	14,874.80
LANCO DISTRIBUTION, INC	CSE LARGE WHITE TOWELS	GENERAL	PARKS, RECREATION & CE	64.00
	ROLL LARGE WHITE TOWELS	GAS	GAS	32.00
			TOTAL:	96.00
LEO'S AUTO SUPPLY, INC.	BEARING (2) BIG WHITE	ELECTRIC	ELECTRIC DISTRIBUTION	69.90
			TOTAL:	69.90
MCANANY CONSTRUCTION	ASPHALT/RUMBLESTRIP/NORTH	SPECIAL HIGHWAY	SPECIAL HIGHWAY	32,274.00
	RETAINAGE LAKE GARNETT SPD	SPECIAL HIGHWAY	SPECIAL HIGHWAY	51,328.00
			TOTAL:	83,602.00
MCCLURE ENGINEERING	WATER TREATMENT PLANT	WATER	WATER	3,125.00
			TOTAL:	3,125.00
MFA OIL CO - PETRO CARD 24	MFA OIL CO - PETRO CARD 24	PUBLIC SAFETY	FIRE DEPARTMENT	195.23
	MFA OIL CO - PETRO CARD 24	PUBLIC SAFETY	POLICE DEPARTMENT	1,438.21
			TOTAL:	1,633.44
MILLER HARDWARE	C+K INT EGG/BRUSH	PARKSIDE #1	PARKSIDE #1	31.19
	C+K INT EGG/BRUSH	PARKSIDE #2	PARKSIDE #2	31.19
	C+K INT EGG/BRUSH	PARK PLAZA NORTH	PARK PLAZA NORTH	31.19
			TOTAL:	93.57
MILLS, JESSICA	REIMB WORKSHOP REGISTRATIO	ECONOMIC DEVELOPME	ECONOMIC DEVELOPMENT	25.00
			TOTAL:	25.00
OLATHE WINWATER WORKS CO.	LID (2) EXT RING (2)	WATER	WATER	560.00

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT
			TOTAL:	560.00
PATRIOT'S BANK	FRIEGHTLINER 2024 PAYMENT	SANITATION	SANITATION	27,126.06
			TOTAL:	27,126.06
PYRAMID FOODS dba COUNTRY MART	WATER 12 CASES	GENERAL	PARKS, RECREATION & CE	35.88
	WATER 12 CASES	GENERAL	STREET & STORMWATER	35.88
	WATER 6 CASES	ELECTRIC	ELECTRIC PRODUCTION	17.94
	WATER 12 CASES	ELECTRIC	ELECTRIC DISTRIBUTION	35.88
	WATER 6 CASES	GAS	GAS	17.94
	WATER 12 CASES	SANITATION	SANITATION	35.88
	WATER 12 CASES	WASTEWATER	WASTEWATER	35.88
	WATER 6 CASES	WATER	WATER	17.94
	WATER 6 CASES	WATER	WATER	17.94
			TOTAL:	251.16
QUILL CORPORATION	OFFICE / CLEANING SUPPLIES	PARKSIDE #1	PARKSIDE #1	79.93
	OFFICE / CLEANING SUPPLIES	PARKSIDE #1	PARKSIDE #1	30.33
	OFFICE / CLEANING SUPPLIES	PARKSIDE #2	PARKSIDE #2	79.93
	OFFICE / CLEANING SUPPLIES	PARKSIDE #2	PARKSIDE #2	30.33
	OFFICE / CLEANING SUPPLIES	PARK PLAZA NORTH	PARK PLAZA NORTH	79.92
	OFFICE / CLEANING SUPPLIES	PARK PLAZA NORTH	PARK PLAZA NORTH	30.33
			TOTAL:	330.77
R & R EQUIPMENT, INC.	MOWER REPIR	GENERAL	PARKS, RECREATION & CE	536.15
			TOTAL:	536.15
RECDESK SOFTWARE	ANNUAL SUBSCRIPTION	GENERAL	PARKS, RECREATION & CE	4,200.00
			TOTAL:	4,200.00
SOUTHERN STAR CENTRAL GAS PIPELINE INC	SOUTHERN STAR CENTRAL GAS	GAS	GAS	26,869.93
			TOTAL:	26,869.93
SPROW, BARRY	1 @ \$60.00 10.2.24	GENERAL	PARKS, RECREATION & CE	60.00
			TOTAL:	60.00
ST LUKES HEALTH SYSTEM	TESTING/ G HOLLER	ELECTRIC	ELECTRIC PRODUCTION	115.00
			TOTAL:	115.00
STANION WHOLESALE ELECT. CO.	TEMFLEX FRICTION TAPE/COVE	ELECTRIC	ELECTRIC DISTRIBUTION	935.56
			TOTAL:	935.56
STIFTER, TYLER	MOWING 9/9 & 9/25	LIBRARY	LIBRARY	100.00
			TOTAL:	100.00
THE IOLA REGISTER, INC.	THE IOLA REGISTER (12MTH)	LIBRARY	LIBRARY	172.10
			TOTAL:	172.10
TT&T SALVAGE & TOWING	TRASH TRUCK TO INLAND OLAT	SANITATION	SANITATION	654.00
			TOTAL:	654.00
UCI TESTING	CREDIT - KOBOLD	ELECTRIC	ELECTRIC DISTRIBUTION	15.00
	DOT/MRO - GREEN	SANITATION	SANITATION	115.00
	CREDIT - REYNOLDS	SANITATION	SANITATION	15.00
	DOT/MRO - HOLLER	WATER	WATER	115.00
			TOTAL:	200.00

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT_
VISA - CARD SERVICES	VISA-SEE BREAKDOWN FILE	GENERAL	GOVERNMENT ADMINISTRAT	575.30
	VISA-SEE BREAKDOWN FILE	GENERAL	GOVERNMENT ADMINISTRAT	71.00
	VISA-SEE BREAKDOWN FILE	GENERAL	GOVERNMENT ADMINISTRAT	90.26
	VISA-SEE BREAKDOWN FILE	GENERAL	GOVERNMENT ADMINISTRAT	523.70
	VISA-SEE BREAKDOWN FILE	GENERAL	GOVERNMENT ADMINISTRAT	37.50
	VISA-SEE BREAKDOWN FILE	GENERAL	GOVERNMENT ADMINISTRAT	12.98
	VISA ADOBE	GENERAL	GOVERNMENT ADMINISTRAT	21.59
	VISA-MICRSOFT	GENERAL	GOVERNMENT ADMINISTRAT	26.40
	VISA-SEE BREAKDOWN FILE	GENERAL	COMMUNITY DEVELOPMENT	275.00
	VISA-SEE BREAKDOWN FILE	GENERAL	COMMUNITY DEVELOPMENT	69.16
	VISA-SEE BREAKDOWN FILE	GENERAL	COMMUNITY DEVELOPMENT	32.64
	VISA ADOBE	GENERAL	COMMUNITY DEVELOPMENT	21.49
	VISA-MICRSOFT	GENERAL	COMMUNITY DEVELOPMENT	9.90
	VISA-SEE BREAKDOWN FILE	GENERAL	PARKS, RECREATION & CE	55.00
	VISA-SEE BREAKDOWN FILE	GENERAL	PARKS, RECREATION & CE	62.36
	VISA-SEE BREAKDOWN FILE	GENERAL	PARKS, RECREATION & CE	49.49
	VISA-SEE BREAKDOWN FILE	GENERAL	PARKS, RECREATION & CE	158.39
	VISA-MICRSOFT	GENERAL	PARKS, RECREATION & CE	3.30
	VISA-SEE BREAKDOWN FILE	GENERAL	STREET & STORMWATER	50.00
	VISA-SEE BREAKDOWN FILE	GENERAL	STREET & STORMWATER	29.41
	VISA-SEE BREAKDOWN FILE	GENERAL	STREET & STORMWATER	10.73
	VISA-MICRSOFT	GENERAL	STREET & STORMWATER	0.66
	VISA-SEE BREAKDOWN FILE	AIRPORT	MUNICIPAL AIRPORT	19.95
	VISA-SEE BREAKDOWN FILE	AIRPORT	MUNICIPAL AIRPORT	89.99
	VISA-SEE BREAKDOWN FILE	AIRPORT	MUNICIPAL AIRPORT	130.53
	VISA-SEE BREAKDOWN FILE	LIBRARY	LIBRARY	19.71
	VISA-SEE BREAKDOWN FILE	LIBRARY	LIBRARY	15.31
	VISA-SEE BREAKDOWN FILE	LIBRARY	LIBRARY	25.00
	VISA-SEE BREAKDOWN FILE	LIBRARY	LIBRARY	44.00
	VISA-SEE BREAKDOWN FILE	PUBLIC SAFETY	FIRE DEPARTMENT	64.26
	VISA-SEE BREAKDOWN FILE	PUBLIC SAFETY	FIRE DEPARTMENT	129.20
	VISA-MICRSOFT	PUBLIC SAFETY	FIRE DEPARTMENT	3.30
	VISA-SEE BREAKDOWN FILE	PUBLIC SAFETY	POLICE DEPARTMENT	1,302.31
	VISA-SEE BREAKDOWN FILE	PUBLIC SAFETY	POLICE DEPARTMENT	71.23
	VISA-SEE BREAKDOWN FILE	PUBLIC SAFETY	POLICE DEPARTMENT	54.39
	VISA-SEE BREAKDOWN FILE	PUBLIC SAFETY	POLICE DEPARTMENT	795.00
	VISA-SEE BREAKDOWN FILE	PUBLIC SAFETY	POLICE DEPARTMENT	16.82
	VISA-SEE BREAKDOWN FILE	PUBLIC SAFETY	POLICE DEPARTMENT	57.00
	VISA-SEE BREAKDOWN FILE	PUBLIC SAFETY	POLICE DEPARTMENT	238.45
	VISA-MICRSOFT	PUBLIC SAFETY	POLICE DEPARTMENT	16.50
	VISA-SEE BREAKDOWN FILE	ELECTRIC	ELECTRIC PRODUCTION	145.00
	VISA-SEE BREAKDOWN FILE	ELECTRIC	ELECTRIC PRODUCTION	170.00
	VISA-SEE BREAKDOWN FILE	ELECTRIC	ELECTRIC PRODUCTION	887.80
	VISA ADOBE	GAS	GAS	10.75
	VISA-MICRSOFT	GAS	GAS	0.66
	VISA-MICRSOFT	SANITATION	SANITATION	0.66
	VISA-MICRSOFT	WASTEWATER	WASTEWATER	0.66
	VISA-SEE BREAKDOWN FILE	WATER	WATER	212.79
	VISA-SEE BREAKDOWN FILE	WATER	WATER	144.99
	VISA-SEE BREAKDOWN FILE	WATER	WATER	40.98
	VISA-SEE BREAKDOWN FILE	WATER	WATER	195.27
	VISA ADOBE	WATER	WATER	10.74
	VISA-MICRSOFT	WATER	WATER	0.66
	VISA-SEE BREAKDOWN FILE	ECONOMIC DEVELOPME	ECONOMIC DEVELOPMENT	17.00
	VISA-SEE BREAKDOWN FILE	ECONOMIC DEVELOPME	ECONOMIC DEVELOPMENT	10.88
	VISA ADOBE	ECONOMIC DEVELOPME	ECONOMIC DEVELOPMENT	21.49

VENDOR SORT KEY	DESCRIPTION	FUND	DEPARTMENT	AMOUNT_
	VISA-MICRSOFT	ECONOMIC DEVELOPME	ECONOMIC DEVELOPMENT	3.30_
			TOTAL:	7,152.84_
WHITAKER AGGREGATES, INC.	CRUSHER RUN/CLEAN	SPECIAL HIGHWAY	SPECIAL HIGHWAY	77.03
	CRUSHER RUN/CLEAN	WATER	WATER	268.38_
			TOTAL:	345.41_
WHITAKER, TYREE	1 @ \$60.00 10.2.2024	GENERAL	PARKS, RECREATION & CE	60.00_
			TOTAL:	60.00_
WOLKEN PLBG. & ELECTRIC, INC.	CITY HALL WOMENS RESTROOM	GENERAL	GOVERNMENT ADMINISTRAT	174.30
	PTAC - DELIVERED	PARK PLAZA NORTH	PARK PLAZA NORTH	1,504.00
	WATER HEATER	PARK PLAZA NORTH	PARK PLAZA NORTH	1,112.66_
			TOTAL:	2,790.96_
WRIGHT'S CONSTRUCTION	BABY CHANGING TABLES (2)	LIBRARY	LIBRARY	250.00_
			TOTAL:	250.00_

===== FUND TOTALS =====

101	GENERAL	14,988.43
102	AIRPORT	240.47
104	LIBRARY	978.29
105	PUBLIC SAFETY	6,832.98
106	SPECIAL HIGHWAY	83,679.03
109	ELECTRIC	23,624.91
110	GAS	56,048.23
111	SANITATION	28,557.08
112	WASTEWATER	134.44
113	WATER	25,163.33
114	ECONOMIC DEVELOPMENT	126.61
115	PARKSIDE #1	687.05
116	PARKSIDE #2	687.05
117	PARK PLAZA NORTH	3,107.71
119	EQUIPMENT RESERVE	16,242.82
120	TAX REFUND RESERVE	307,511.50

GRAND TOTAL: 568,609.93

TOTAL PAGES: 6

BILLS: \$568,609.93
PAYROLL: \$123,647.72
TOTAL: \$692,257.65