FAÇADE GRANT (DIP)
APPLICATION FORM

Applicant

Name of Business La Vita Bella

Contact Name Todd Eichorn

Address 1347 Somerset Circle Longmont 80504

Telephone Work 720-204-4525 Home 303-641-7372

Email Todde lavitabella longmont.com

Project Information

Building Address 471 Main Street Longmont 80501

Legal Description Kitchen renovation in a commercial/mixed use property

Year built 1907 Is this a historic property? (Yes) No

Is there a formal historic designation of the property? Yes (No)

Ownership Enterprise

Property Owner (if different from applicant). Please attach property owner permission document to application.

Same

Contact Name _____

Phone _____

Email _____

Mailing Address _____

Lease term (if applicable) 01/01/23 Lease expiration date 01/01/26

Description of Façade Project (include all work to be completed, even those items not eligible in the Façade Grant, i.e. interior improvements, roofing, etc.)

Installation of Hood and grease trap... along with electrical/plumbing upgrades

Briefly describe how your project meets the Goals and Strategies of the Downtown Longmont Master Plan of Development.

See attached sheet

Project Schedule (Attach time line for completion, if one exists)

Start Date April/May End Date May/June

Source of Funds for the Project

a. Ascention Capital $ 52,000
b. Local Private Investor $ 50,000

Total Cost of Project $ 105,000
(include all improvement costs)

Total Cost of Façade Renovation $ _____

Façade Grant (DIP) Request $ 10,000 or 25% of project
(25% of Façade Renovation cost, $10,000 maximum)

Total Grant Request should be based on bids you plan to use for your project. Applicant is not required to use low bid. If using higher bid, applicant should note on the bid the reason for choosing the high bid.

Applicant, by virtue of signature on this applicant document and upon acceptance of funds provided by the Longmont Downtown Development Authority agrees to the terms and requirements of the Façade Grant (DIP).

3-21-23 [signature]

Date **Signature**

Search Result

Account balances shown on this screen do not include additional fees/interest.

Please click on an account below to view the current balance or pay taxes. You can also get receipts for prior payments.

One item found.**1**

Description	Summary			
ACCOUNT P0401132	**131503222001 Balance: 0.00**	**471 MAIN ST LONGMONT 80501-**	LA VITA BELLA CAFE	**Personal Property 471 MAIN ST, LONGMONT, 80501-**

One item found.**1**

The expansion of our kitchen will support our vision of making LVB into an events destination. This will support Downtown Longmont by attracting local visitors as well as tourists visiting CO. This kitchen expansion will allow us to expand our menu, and increase the number of guests we are able to serve. This will include: in house dining, offering pick up and delivery options, catered parties, celebrations and community events.

The new improvements will give us the opportunity to be open 7 days a week… with the plan to increase hours of operation through the day. Our calendar currently includes live entertainment every weekend and every other Thursday night. This local music program will be able to extend to Monday with our ol' local bluegrass group jamming from 7-9… Tuesdays for open mic or game night 8-10… and in the warmer months on Wednesdays, various acoustic musicians performing from 8-10.

La Vita Bella has been a staple on Main St. since its inception in 2013. We continue to grow and seek to foster community connections and action. From hosting community events, supporting fundraisers, and local businesses with their events, to working with local vendors, and farms we maintain our love and support of "The Real Longmont" brand. With increased hours and expanded customer base, we expect to increase this support as well as to expand the list of local vendors from whom we purchase our ingredients and supplies.

Longmont is growing and LVB intends to grow along. By expanding our service capacity, we will add to the vibrance of Longmont's expanding downtown scene. LVB intends to continue to collaborate with other local businesses, culinary, retail and creative. By expanding the types of events we can host and our services, we project tripling our revenues from our current income, in the first year alone… with much more opportunity and expectations for future financial growth.

To whom it may Concern,

I, Todd Eichorn, hereby approve, hood installation project for the Kitchen at La Vita Bella restaurant, bar and event space.

Todd Eichorn

Name: Todd Eichorn

Date: 3-21-23

DaVinci Construction & Design LLC
PO Box 513
Longmont, CO 80502
+1 3039476028
shawn.d.snyder@gmail.com

Estimate

ADDRESS
Todd Eichorn
La Vita Bella Enterprises
471 Main street
Longmont, CO 80501

ESTIMATE 1614-Insurance
DATE 03/21/2023

DATE	ACTIVITY	DESCRIPTION	AMOUNT
	Project Description	Todd Eichorn La Vita Bella Enterprises 471 Main street Longmont, CO 80501 Installation of a Vent hood in commercial kitchen	0.00
	2009 - Overhead/Supervision	Overhead/Supervision	2,800.00
	3000 - Demolition	Demolition of necessary components per the plan. Create a pathway to the second floor roof to vent the hood. Without compromising any structural components.	1,320.00
	3019 - Labor, Framing	Labor, Framing. Necessary, framing to soffit the exhaust hood and vent line to the exterior. Also any necessary framing to mount the hardware. Labor and materials.	2,970.00
	3020 - Labor, Interior Trim	Labor, Interior Trim. Interior trim after the project is to complete to put the kitchen and subsequent rooms back together from the construction. Labor and materials	1,250.00
	3022 - Plumbing/Gas, Rough in	Plumbing Tie in to existing mechanical. Labor and Materials	2,332.00
	3025 - Electric/Phone/TV, Rough In	Electric roughed in and trim for electrical hook up. Labor and materials	2,441.00
	3028 - HVAC, Rough In As Outlined Drawings Provided	HVAC, Rough In As Outlined Drawings Provided. Installation of equipment for the Engineers drawings. Includes miscellaneous components if necessary to connect the vent hood	19,540.00
	3039 - Drywall/Texture	Drywall/Texture do you repair walls and ceilings after construction is complete. Labor and materials.	1,400.00

Install #1

3050 - Trash/Clean-up	Trash/Clean-up-Allowance. Includes dump fees	850.00

Hey Todd,

Here is the estimate for installing the equipment and hood vent, including ducting, and put it in the kitchen back to original status

Shawn

TOTAL **$34,903.00**

Accepted By

Accepted Date

FORT COLLINS
HEATING & AIR CONDITIONING
208 Commerce Dr. #4 • Fort Collins, CO 80524
Phone: 970-484-4552 / Fax: 970-484-8354

PROPOSAL

Proposal Number 28513

To: 46765 La Vita Bella Enterprises 471 Main St Longmont CO 80501--		**Date** 03/08/2023	**PO #**
		Job Name / Location: La Vita Bella Kitchen Hood 471 Main St Longmont CO 80501--	
Phone (303)641-7372	**Fax** ( ) -	**Phone** (303)641-7372	**Fax** ( ) -

We are pleased to provide you with the following proposal:

Provide labor and material for:

(1) others provided FryCo kitchen exhuast system(EF-1; SF-1; prefab grease duct; & (1) hood)
(3) Titus GRD's
all associated duct and material; air balance; crane; taxes; & demo shown on plans M-0.1 thru M-8.

Price excludes anything not listed above; DDC/BAS controls; roofing; x-ray/gpr; concrete sawing/core drilling; 120v electrical including interlocks; emt conduit for 24v controls; ansul system; controls for ansul system; street closure permit; plumbing; drywall; painting; permit; condensate drains; and gas piping.

***** Above pricing is valid for (30) days from the proposal date. Due to the continued escalation of raw material prices we cannot guarantee pricing beyond this timeframe unless otherwise specifically noted. We will work with our manufacturing partners to hold pricing beyond this timeframe, but quotes will need to be reviewed after (30) days. In addition, the global freight market continues to experience a significant imbalance between supply and demand, resulting in lead-time instability. Lead times may be extended without warning *****

We propose to hereby furnish material and labor - complete in accordance with the above specifications.

Forty Seven Thousand Four Hundred Forty Seven And 31/100 **$ 47,447.31**

Payment to be made as follows:
Net 30

Authorized Signature _____

Submitted By: Patrick Penner

Note: This proposal may be withdrawn by us if not accepted within 30 days.

Acceptance of proposal

Signature _____

Date of Acceptance: _____ **Signature** _____

Install #2

PROPOSAL (EQUIPMENT ONLY)

FRYCO SYSTEMS, INC.
2702 BIANCO DR.
FORT COLLINS, COLORADO 80521
(970) 472-9958
Sales@frycosystems.com

TO: "Customer"	**La Vita Bella Enterprises**	**DATE:**	**11/7/2022**
Customer Representative:	**Todd Frederic Eichorn**	**Job Name:**	**La Vita Bella**
Address:	**471 Main Street**	**Job Location:**	**Longmont, CO**
City/State/Zip	**Longmont, CO 80501**	**Address:**	**471 Main Street**
Phone Number	**303-641-7372**	**City/State/Zip**	**Longmont, CO 80501**
Email	**todd@lavitabellalongmont.com**		

FryCo Systems, Inc., a Colorado corporation ("FryCo") offers for your consideration the following proposal, which, if accepted, becomes a contract (the "Contract") between us:

1. **Equipment only.**

Hood #1 ($8,227.76)

FryCo Systems, Inc. Model 5424FC-ND-2-PSP-F - 12ft 0" Long Exhaust-Only Wall Canopy Hood with 14" Wide Front Perforated Supply Plenum with Built-in 3" Back Standoff	x1
- 430 SS Where Exposed	x1
- Fire Cabinet on the Left Side 12.00" Width x 54.00" Length x 24.00" Height (Additional charges may apply for cabinet if not sold with fire system)	x1
- FILTER - 16" tall x 16" (15.625" by 15.625") wide Stainless Steel Captrate Solo filter with hook, ETL Listed. Particulate capture efficiency: 85% efficient at 9 microns, 76% efficient at 5 microns. Used on hoods shipped AFTER 7/27/17.	x9
- L55 Series E26 Canopy Light Fixture - High Temp Assembly, Includes Clear Thermal and Shock Resistant Globe (L55 Fixture)	x4
- Extra Fixtures- L55 Series E26 Canopy Light Fixture - High Temp Assembly, Includes Clear Thermal and Shock Resistant Globe (L55 Fixture)	x4
- Screw In Halogen Bulb, L55 Series E26 Canopy Light Fixture - High Temp Assembly, Includes Clear Thermal and Shock Resistant Globe	x8
- PROTECT ALL UC FACES, TREAT AS A FINISHED BACK.	x1
- EXHAUST RISER - Factory installed 16" Diameter X 4" Height	x1
- SUPPLY RISER - 12"x 20" Supply Riser with Volume Dampers	x3
- 1/2 Pint Grease Cup New Style, Flanged Slotted	x2
- FIELD WRAPPER 6.00" High Front, Left, Right	x1
- Electrical Package Installation in Utility Cabinet by Plant.	x1
- BACKSPLASH 80.00" High X 157.00" Long 430 SS Vertical (Includes End Caps & Divider Bars)	x1

- RIGHT SIDESPLASH 80.00" High X 24.00" Long 430 SS Vertical (Includes End Caps & Divider Bars)	x1
- RIGHT END STANDOFF (FINISHED) 1" Wide 54" Long Insulated	x1
- BACKSPLASH - INSIDE CORNER 80.00" High X 2.00" Leg Length 430 SS Vertical (Includes End Caps & Divider Bars)	x1
- RIGHT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS	x1
- LEFT QUARTER END PANEL 23" Top Width, 0" Bottom Width, 23" High 430 SS	x1
- INSULATION FOR TOP OF HOOD	x1
- INSULATION FOR BACK OF HOOD	x1
- Parts required to mount riser sensor 6 inches beside riser. Sensor installed directly in line with the center of riser and in center of the plenum space front to back.	x1

Fire System #1 ($4,016.21)

TANK-SP-2 Tank Fire Suppression 8 gallon Fire System in Utility Cabinet (includes pre-piped hood(s) with electric detection, tank(s), 24 VDC release mechanism, fire system agent, pressurized tanks, and electric pull station). (Formerly CAS-EWC). Includes piping for hood: 1.	X1
- Tank-based Fire Protection System equipped with Electronic Detection utilizing CORE board as a Listed Release Mechanism. Installed in Hood Utility Cabinet with integral hood prewire panel.	X1
- Pressure Switch – Monitors Tank Pressure. Supervised Signal. TANK FIRE SUPPRESSION	x2
- SC-EGVC1-1/2-24 GAS VALVE – 1-1/2" Electrical Shutoff Valve, 24V, DC (#8214G276-24VDC). Includes upstream strainer assembly. For use with integrated HMI reset.	X1

Fire System #1 – Final Field Installation, Permit, Drawings ($3,079.04)

Fan #1 FABI18DD-RM - Exhaust Fan ($3,160.90)

FABI18DD-RM Direct Drive Exhaust Only Unit With 18.750" Utility Set Exhaust Fan w/ 2" Grease Drain. Clockwise Rotation When Looking At Inlet. Exhaust Fan handles 2400 CFM @ -1.750" wc ESP. Fan runs at 1339 RPM. Exhaust Motor: 3.000 HP, 3 Phs, 208 V, 60Hz, 9.4 FLA, TEFC, Premium (E-Plus3) Eff.	x1
- 20" Diameter Duct - 20" Diameter Service Duct Used For Quick Disconnect From Fan Inlets & Duct Runs. Service Duct Kits Include (2) DW2007LT, (6) DW20RERI2PCS, Hardware, & 3M Fire Barrier 2000 Plus Sealant.	x1
- Grease Cup for Utility Sets. Option for Utility Sets.	x1
- BI18 - 24" High Discharge Extension Assembly.	x1
- BI - Discharge Orientation - Vertical Upper Left - CW Looking At Inlet.	x1
- BI18 - 20" Flanged Grease Duct Connection.	x1
- Floor Mount Spring Vibration Isolators. Option for the BI12 thru BI18, USBI18 (6 required) Utility Set units. Max Weight = 75 lbs. 1.3" Deflection. 3/8" bolt diameter. Set of 6. "Orange" (5C126x6) Grainger equivalent = 5C126 - Mason C-A-75.	x1
- Curb RAILS-BI15-20 20H(Set of 2) On Fan #1 Flat Curb	x1

Fan #2 F2-D.500-20D - Heater (SF1) ($10,105.52)

F2-D.500-20D Direct Gas Fired Heated Make Up Air Unit with 20" Mixed Flow Direct Drive Fan Supply Fan handles 2800 CFM @ 1.200" wc ESP, Fan runs at 1570 RPM. Heater supplies 171751 BTUs. 69°F Temperature Rise. [Fuel: Natural Gas] Supply Motor: 3.000 HP, 3 Phase, 208 V, 60Hz, 8.5 FLA, TEFC, Premium (E-Plus3) Eff. Side Discharge - Air Flow Right -> Left	x1
- Size # 3 Celdek Evaporative Cooler for Size # 2 Modular Make-Up Air Heater. 40.75" Wide x 83.75" Long x 43.375" High. Includes intake hood with filters. For outdoor installation. Use with water softener recommended. CD-I A3DF-2 Size 3 Celdek Evaporative Cooler for Size # 2 Modular Make-Up Air Heater. 40.75" Wide x 38.125" Long x 43.375" High. For outdoor installation. Min. water pressure for optimal performance is 30 PSI. Max. water pressure should not exceed 50 PSI. Use with water softener recommended.	x1
- Sloped Filtered Intake for Size #3 Modular Heater. 37.25" Wide X 51.625" Long X 35.188" High. Includes 2" MV EZ Kleen Metal Mesh Filter.	x1
- 50-90°F Space Temp Control • Field Wired On/Off Switch Control • Heating Activation Based On Either Intake or Space Set Point. Use with MUA.	x1
- Gas Manifold for DF2 GM - BTU 0 - 825001 - 7 in. w.c. - 14 in. w.c.	x1
- Gas Pressure Gauge, 0-35", 2.5" Diameter, 1/4" Thread Size	x1
- Gas Pressure Gauge, -5 to +15 Inches Wc., 2.5" Diameter, 1/4" Thread Size	x1
- Low Fire Start. Allows the burner circuit to energize when the modulation control is in a low fire position.	x1
- Ship Loose Gas Strainer. To be installed upstream of unit connection. 1" Connection	x1
- Motorized Back Draft Damper 22.75" X 24" for Size 2 Standard & Modular Heater Units w/Extended Shaft, Standard Galvanized Construction, 3/4" Rear Flange, Low Leakage, LF120S Actuator Included	x1
- Layer Control for IBT Evap	x1
- Duct Mounted Smoke Detector For Commercial Direct Fired Heater. Complete with detector (D4120) and sampling tube (DST-1.5). Ships Loose	x1
- Freeze Protection Drain Control kit for Evaporative Coolers. Includes 3-Way water solenoid valve 8316G084 (shipped loose), Pressure switch installed upstream of 2way solenoid in unit, Brass Tee and 2 NPT half inch nipples. Field wiring required by others for 3-way valve. For both Celdek and Standard V-bank type Configurations.	x1
- Clogged Filter Switch with Notification on HMI	x1
- Single Electrical Cabinet LED Lights Used on Modular MUA Units	x1
- Separate 120VAC Wiring Package for Make-Up Air Units. Option must be selected when mounting VFD in prewire panel or with DCV package. Provides separate 120VAC input to supply fan. This 120V signal must be run by electrician from DCV to mua switch.	x1
- Profile Plate Configuration for size 2 Direct Fired Unit for low cfm applications.	x1
- Curb CRB31X79X20INS Insulated On Fan #2 Flat Curb	x1
- Full Bottom Curb Corner. Base flange corners fully welded or staked by factory.	x1
- Rail ADJUSTLEG-36 (Set of 2) On Fan #2	x1

Curb ($200.00)

Curb CRB26.5x24E Flat Curb	x1
- Vented Base for Curb	x1

Electrical System #1

FryCo Systems, Inc. Model DCV-1111 Demand Control Ventilation, w/ control for 1 Exhaust Fan, 1 Supply Fan, Exhaust on in Fire, Lights out in Fire, Fans modulate based on duct temperature. INVERTER DUTY 3 PHASE MOTOR REQUIRED FOR USE WITH VFD. Room temperature sensor shipped loose for field installation. Verify distance between VFD and Motor; additional cost could apply if distance exceeds 50 feet. Includes 1 Duct Thermostat kit.	x1
- ESV222N02YXB571 - Variable Frequency Drive - 3 HP Max., 200/240 V, Single or Three Phase Input, 9.6 A Max., NEMA 1 Enclosure, with 2RJ-45 FOR MODBUS	x1
- ESV222N02YXB571 - Variable Frequency Drive - 3 HP Max., 200/240 V, Single or Three Phase Input, 9.6 A Max., NEMA 1 Enclosure, with 2RJ-45 FOR MODBUS	x1
- VERIZON CELLULAR KIT, WIRED ANTENNA AND VERIZON DATA FOR 1 YEARS.	x1
- Digital Prewire Lighting Relay Kit. Includes hood lighting relay & terminal blocks. Allows for up to 1400W of lighting each.	x1

Duct Run #1 - 430 Stainless ($8,336.05)

(RC1) DW20DWRISER-2R-S Double Wall Riser Cover - Used On 16" Inner Riser, 4" long - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Riser Shell Assembly. Includes Insulation & Single V Clamps For Inner & Outer Connections.	x1
(P1) DW16FRISER Single Wall Duct Riser With Retaining Rings, 16" Duct, Used on Field Installations. Includes 1/4-20 Hardware (8) Nuts (8) Bolts - (1) Single Bottom Ring (2) Top Rings 2 Pieces Per Assembly.	x1
(P2) DW1647DWLT-2R-S Double Wall Duct - 16" Inner Duct, 47" long - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell.	x1
(P3) DW1647DWLT-2R-S Double Wall Duct - 16" Inner Duct, 47" long - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell.	x1
(P4) DW1647DWLT-2R-S Double Wall Duct - 16" Inner Duct, 47" long - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell.	x1
(P5) DW1647DWLT-2R-S Double Wall Duct - 16" Inner Duct, 47" long - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell.	x1
(P6) DW1647DWLT-2R-S Double Wall Duct - 16" Inner Duct, 47" long - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell.	x1
(P7) DW1647DWLT-2R-S Double Wall Duct - 16" Inner Duct, 47" long - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell.	x1
(P8) DW1647DWLT-2R-S Double Wall Duct - 16" Inner Duct, 47" long - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell.	x1
(P9) DW1647DWAJDTP-2R-S Double Wall Adjustable Duct Transition Plate - 16" Inner Duct - 2 Layers Reduced Clearance - 20" Stainless Steel Outer Shell. Min Length = 11" / Max Length = 48.5" / Adjustment = 30.5" / Adjustable Section May Need To Be Cut. Includes single and double wall "V" Clamps.	x1
(P10) 10320FLOSUPASY Duct - Vent - Chimney - 20" Shell - Support Plate Assembly - 28.250" Square Used On 24.250" Through Penetrations - Horizontal And Vertical - Includes Hardware.	x1
(P11) DW2616TPDB Duct to Curb Transition Down Turn, 26-1/2" Curb to 16" Duct, 16 GA Aluminized. Not For Use With Exhaust Fans.	x1
(P12) DW16RISER Single Wall Duct Riser for Welded Hoods, 16" Dia Duct. Stainless Steel.	x1
(P13) DW1604C2D Single Wall Duct Off Set Collar - 16" diameter duct - 1/2" Pitch.	x1
(P14) DW16TEASY Single Wall Duct Tee, 16" Duct, Assembly.	x1
(P15) DW1647LT Single Wall Duct 16" diameter, 47" long, flange at both ends. Stainless Steel.	x1
(P16) DW1647LT Single Wall Duct 16" diameter, 47" long, flange at both ends. Stainless Steel.	x1

(P17) DW1648AJDKIT Single Wall Duct Adjustable, 16" diameter, 47.5" long, flange at one end With a 16" Adjustable Collar - Stainless Steel.	x1
(P18) DW16SUBRASY Duct Support Bracket Kit, 16" Duct, Used for Hanging Duct. 12 GA Steel, Clear Zinc Coating. - 2 Rings, 4 Brackets, & Hardware Bag 2.	x1
(P19) DW16SUBRASY Duct Support Bracket Kit, 16" Duct, Used for Hanging Duct. 12 GA Steel, Clear Zinc Coating. - 2 Rings, 4 Brackets, & Hardware Bag 2.	x1
(P20) DW1604C2D Single Wall Duct Off Set Collar - 16" diameter duct - 1/2" Pitch.	x1
(P21) DW1620ADP Single Wall Duct Adapter, 16" Duct Dia to 20" Duct Dia, Assembly.	x1
(P22) DW1617ADKIT Duct Access Door with Handle & Grease Dam, for 16" duct use 17" door. Stainless Steel.	x1
3M-2000PLUS Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.	x3
3M-2000PLUS Duct - 3M Fire Barrier 2000 Plus Silicone - Used as sealant to Seal Duct Joints.	x6
DW16CLASY Duct "V" Clamp With new design 14 Ga Brackets, 16" Duct, Assembly.	x9
DW16DWCLASY-2R-S Duct - 16" Duct - 20" Double "V" Clamp - 2R Insulation & Single "V" Clamp Included - Reduced Clearance.	x6
DW20CLASY Duct "V" Clamp With new design 14 Ga Brackets, 20" Duct, Assembly.	x1

CASLink Monitoring ($800.00)

CASLink Monitoring	x1

Factory Services ($2,200.00)

Service Design Verification for CASLink.	x1
Service Design Verification for Demand Control Ventilation	x1
Service Design Verification for Direct Fired Heater	x1
Service Design Verification for Evap Cooler	x1
Service Design Verification for Exhaust Fan	x1
Service Design Verification for Hood	x1
Service Design Verification for TANK Fire Suppression	x1

Shipping ($6,000.00)

Installation Support ($1,800.00)

Estimated State Taxes ($1,015.00)

SUBTOTAL $51,138.97

ROUNDED TOTAL $50,000.00

2. **Exclusions.**
This proposal is for equipment only and does not include installation, unless said installation services are specifically listed in Section 1 "Equipment Only" above. Asbestos, or other hazardous materials, detection, mitigation, or removal is not included and shall not be provided. No installation, internet service, internet connections, permits, safety railing, work platforms, equipment platforms, ceiling grid, ceiling work, controls, control work, painting, x-rays, concrete scanning, structural work, structural design, design work, construction documents, mechanical screening, electrical, plumbing,

roofing, gas piping, fire protection, fire suppression systems, fire suppression system work, engineering, heating & air, air balancing, duct enclosures, grease duct wrap, fire rated enclosures, fire rated shafts, stainless steel wall flashing, core cutting, concrete cutting, masonry cutting, noise / vibration mitigation, or carpentry work to be performed or supplied by FryCo unless specifically listed in Part 1 above. FryCo shall not provide any handheld fire extinguishers. FryCo shall not provide any other parts, equipment, or systems than the ones specifically listed in Part 1 above. All items, equipment, materials, and services not listed in Section 1 "Equipment Only" above are expressly excluded and will not be provided by FryCo. Sales Taxes and Use Taxes are not included and shall be the responsibility of the customer. A copy of a tax exemption form or receipt showing all fees and taxes paid must be provided to FryCo or fees and taxes may be assessed to customer and are payable to FryCo on demand. All permits and all permit fees are excluded from FryCo's scope of work.

FryCo shall not be responsible for receiving, unloading, or storage of any equipment. Customer shall be solely responsible for receiving, unloading, and storage of above equipment. Any claims for shipping loss or damage must be made by Customer directly with the freight carrier, using freight carrier's procedures, within the timelines set forth by freight carrier. FryCo shall not be liable for any freight loss or damage claims.

3. **Contract Price.**
Fifty thousand dollars ($50,000.00) with payments to be made as listed below.

4. **Payment Terms.** Customer agrees to pay the Contract price as follows:
1) Deposit. $25,000.00
2) Balance due upon invoicing by FryCo. $25,000.00 (Invoice timing shall be as determined by FryCo)

5. **Withdrawal of Proposal.** This Proposal may be withdrawn or modified (By FryCo) at any time prior to acceptance and execution by FryCo.

6. **Additional Terms and Conditions.** The Terms and Conditions appearing on page 7 of this Proposal are an integral part of the Contract and are expressly incorporated by this reference. By signing this Contract, FryCo and the Customer intend to create a legally binding Contract between them on the terms set forth above and in the attached Terms and Conditions.

FRYCO SYSTEMS, INC. a Colorado Corporation

Accepted the date set forth below:

By: _____
Name/Title

Date: _____

Name/Title of Customer Representative (Please Print)

_____
Signature of Customer Representative

_____

NOTE: The signed Contract must be returned to immediately to FryCo via hand delivery after signature by Customer. Otherwise, FryCo has the right in its sole discretion, to terminate this Contract.

PERSONAL GUARANTY

The undersigned, in his or her individual capacity, absolutely and unconditionally guarantees payment by Customer of all sums due under this Contract and performance of any other obligations of Customer under this Contract. The undersigned agrees to pay all costs and reasonable attorney's fees incurred by FryCo in enforcing the Contract or this guaranty.

Date: _____

Guarantor's Name (Please Print)

_____
Guarantor's Signature

_____
Guarantor's Address

_____
_____
_____

TERMS AND CONDITIONS

1. **Applicability**. No modification of these Terms and Conditions shall be effective unless in writing and signed by an authorized representative of FryCo. In case of conflict between the provisions of these Terms and Conditions and those of any other written proposal, contract or agreement executed by an authorized representative of FryCo, the provisions of the other document shall control over the provisions of these Terms and Conditions. These Terms and Conditions are part of the Contract between FryCo and the Customer.
2. **Change Order**. Any changes from this Contract, which involve extra costs, shall only be performed by FryCo after receipt of a written change order from Customer. Customer shall pay FryCo for all additional charges resulting from the Change Order.
3. **Late Payments. If Customer fails to make any payment when due, all unpaid sums shall accrue interest at 21% per annum.**
4. **Attorney's Fees and Costs**. If Customer defaults under the Contract, FryCo shall be entitled to recover all costs and reasonable attorney's fees, which it incurs as a result of the default. The provisions of this Section shall survive any termination of the Contract.
5. **Force Majeure**. FryCo's performance under this Contract is subject to delays occasioned by circumstances beyond FryCo's control. FryCo shall not be responsible for delays due to weather conditions, mechanical failures, labor difficulties, equipment shortages, fire, governmental authority or regulation, acts of God, or any other cause beyond FryCo's control.
6. **Limited Warranty**. All equipment subject to this Contract is warranted solely through the manufacturer and Customer shall look solely to the manufacturer for satisfaction of any equipment warranty claims. Upon written request by Customer, FryCo will provide to Customer copies of manufacturer warranty documents. If the equipment was damaged during delivery to customer, any such claim is not covered by any warranty and Customer must file its claim with the carrier. FryCo shall not under any circumstances be liable for any incidental or consequential damages, including without limitation, loss of product, loss of income and loss of use. The manufacturer's warranty is Customer's exclusive remedy. **NO OTHER WARRANTY, EXPRESS OR IMPLIED, AND INCLUDING ANY WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, HAS BEEN OR IS MADE BY FRYCO.**
7. **Intended Use/Building Code Compliance**. Customer shall be solely responsible for determining suitability of the equipment for its intended use, and for determining compliance with construction documents, plans, applicable building codes and regulations.
8. **Deposits**. All deposits paid under this Contract are non-refundable.
9. **Drawings and Designs**. FryCo's drawings and designs relating to this Contract are FryCo's word product for FryCo's sole use. Such drawings and designs are the sole property of FryCo and may not be reproduced, disseminated to any other party, or otherwise used by Customer or any third party without the express written consent of FryCo.
10. **Security Interest**. Customer grants FryCo a security interest in all equipment provided under this Contract until such time as Customer has paid all sums due to FryCo. Customer shall sign all additional documents, including a financing statement, requested by FryCo to perfect its security interest.
11. **Indemnification**. FryCo shall not be responsible for the Customer's acts or omissions or those of any other person or entity. The Customer shall indemnify and hold FryCo harmless from all claims, demands, suits, liability, loss and expense (including attorney's fees) arising from any act or omission of the Customer or any third party, unless and until FryCo is proven negligent or otherwise responsible in a court of law. In no event shall FryCo be liable for any consequential, incidental, special, punitive or indirect losses or damages, which the Customer may incur or suffer in connection with the Contract. The provisions of this Section shall survive any termination of the Contract.
12. **Time of the Essence**. Time is of the essence of this Contract.
13. **Governing Law/Venue**. This Contract shall be construed under Colorado law. Venue for any action brought to enforce this Contract shall be in Larimer County, Colorado.
14. **Authority**. The signer of this Contract on behalf of the Customer represents that s/he is a duly authorized representative of the Customer and has full power and authority to bind the Customer to all provisions of this Contract.
15. **Entire Contract**. This Contract constitutes the entire final Contract between the parties and supersedes all prior proposals and agreements.
16. **Waiver of Breach**. No waiver of any breach of this Contract shall constitute a waiver of any other or subsequent breach.
17. **Binding Effect**. This Contract is binding upon, and shall inure to the benefit of, the parties, their successors, assigns and legal representatives.
18. **Invalid Provisions**. If any term or provision of this Contract is held to any extent invalid or unenforceable, the remaining terms and provisions shall be valid and enforceable to the fullest extent permitted by law.
19. **Electronic Signature**. An electronic or fax copy of this Contract, including an electronic or fax copy of the signature page, shall be considered an original Contract for all purposes.
20. **Subcontracts.** FryCo may assign or subcontract any portion of this contract or this entire contract at any time without notice and without penalty.
21. **Engineering Limitation of Liability**. FryCo's, it's owners', officers', employees' and subcontractors' liability for engineering services, design work, construction documents, engineering documents, permit drawings, consultation services, and opinions rendered shall not exceed a combined aggerate total of five hundred dollars. These provisions shall apply in all cases and limit FryCo's, it's owners', officers', employees' and subcontractors' liability regardless of any court's or authority's judgment or finding. The Customer shall indemnify and hold FryCo, it's owners, officers, employees and subcontractors harmless from all claims, demands, suits, liability, loss and expense (including attorney's fees) arising from any act, error or omission of FryCo, it's owners, officers, employees and subcontractors, unless and until FryCo is proven negligent or otherwise responsible in a court of law. In no case, shall the combined aggregate liability for any customer or project exceed five hundred dollars. In no event, shall FryCo be liable for any additional, consequential, incidental, special, punitive or indirect losses or damages, which the Customer may incur or suffer in connection with the Contract or services provided. The provisions of this Section shall survive any termination of the Contract.

PROJECT DIRECTORY:

PRIMARY DESIGN CONTACT
AND MECHANICAL ENGINEER:
FRY ENGINEERING, INC.
ATTN:SHANE FRY
2702 BIANCO DR.
FORT COLLINS, CO 80521
970-658-3665
SHANE@FRYENG.COM

ARCHITECT:
CAIRN DESIGN, LLC
1805 SHEELY DR.
FORT COLLINS, CO 80526
970-286-7968
KEN@CAIRNDESIGNLLC.COM

ELECTRICAL ENGINEER:
CAIRN DESIGN, LLC
ATTN:KEN CAUDLE
1805 SHEELY DR.
FORT COLLINS, CO 80526
970-286-7968
KEN@CAIRNDESIGNLLC.COM

STRUCTURAL ENGINEER:
G.A. ESCOBAR ASSOCIATES, INC.
402 MAIN ST.
LONGMONT, CO 80501
303-678-5222

SHEET INDEX

SCOPE:

THIS PROJECT IS AN EXISTING REST
COMMERCIAL KITCHEN HOOD SYSTEM
HYDROMECHANICAL GREASE INTERCE
THE EXISTING SPACE.

THE PLUMBING AND ELECTRICAL UTI
AND OR ADDED AS INDICATED TO S
SYSTEMS, COOKING APPLIANCES, AN
GENERAL CONTRACTOR IS TO PROVI
REINFORCEMENT AS INDICATED ON T
(STRUCTURAL PLANS BY OTHERS).

ALL UTILITIES SERVING THE BUILDIN
FRY ENGINEERING'S SCOPE TO DESI
WATER HEATING SYSTEMS, OR GENE
PROJECT.

APPLICABLE CODES:

2021 INTERNATIONAL BUILDING CODI
2021 INTERNATIONAL MECHANICAL C
2021 INTERNATIONAL PLUMBING COI
2021 INTERNATIONAL FUEL GAS COI
2020 NATIONAL ELECTRIC CODE (NE
2021 INTERNATIONAL ENERGY CONSI
2021 INTERNATIONAL EXISTING BUILI
2021 INTERNATIONAL FIRE CODE (IF
CITY OF LONGMONT, CO LOCAL AME
-ADOPTED LOCAL AND STATE HEALT
-ALL OTHER RELEVANT CODES ADOI

ENGINEERING SCOPE:

FRY ENGINEERING INC.'S AREA OF F
SCOPE OF DESIGN IS STRICTLY LIM

MECHANICAL AND PLUMBING SYMBOLS AND ABBRE

PLUMBING

- COLD WATER
- HOT WATER
- HOT WATER RETURN
- G — GAS
- SANITARY OR GREASE VENT LINE
- SAN — SANITARY WASTE / DRAIN LINE
- GW — GREASE WASTE / DRAIN LINE
- GM — GAS METER
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- RPBP (REDUCED PRESSURE
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- ELBOW DOWN
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- ECCENTRICAL REDUCER
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- UNION
- FLANGED CONNECTION
- FLOW ARROW
- PIPE ANCHOR

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- T_H ROOM THERMOSTAT (HEAT)
- $T_{H,C}$ ROOM THERMOSTAT (HEAT/COOL)
- T_C ROOM THERMOSTAT (COOL)
- S SENSOR
- T DUCT THERMOSTAT (PNEUMATIC)
- T_E DUCT THERMOSTAT (ELECTRIC)
- H HUMIDISTAT
- CO_2 CARBON DIOXIDE SENSOR
- FS FLOW SWITCH
- T TEMPERATURE SENSOR
- FM FLOW METER
- M MOTORIZED DAMPER
- DPT DIFFERENTIAL PRESSURE TRANSMITTER
- T PETE'S PLUG
- VFD VARIABLE FREQUENCY DRIVE
- TCP TEMPERATURE CONTROL PANEL

AIR TERMINAL SYMBOLS

- T-BAR CEILING SUPPLY DIFFUSER
- T-BAR CEILING RETURN OR EXHAUST GRILLE

DENOTES RETURN OR EXHAUST

ABBREVIATIONS

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LAV	LAVATORY
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MC	MECHANICAL CONTRACTOR
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OFD	OVERFLOW DRAIN
OSD	OPEN SITE DRAIN
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PFHX	PLATE AND FRAME HEAT
PIV	POST INDICATOR VALVE
PLBG	PLUMBING
PRV	PRESSURE REDUCING VAL
PUH	PROPELLER UNIT HEATER
RA	RETURN AIR
RCP	RADIANT CEILING HEATING
RCNP	REINFORCED CONCRETE F
RD	ROOF DRAIN
RECIRC	RECIRCULATING
RG	RETURN GRILLE
RPZ	REDUCED PRESSURE BAC

TAG	SIZE	DESCRIPTION	CONSTRUCTION	BA
			FINISH	MANUFACTU
SD1	PER PLANS	UNIVERSAL SPIRAL GRILLE – DOUBLE DEFLECTION	GALVANIZED	SHOEMAKI
SD2	PER PLANS	ALUMINUM AIRFOIL BLADE DIFFUSER – DOUBLE DEFLECTION	SOFT WHITE	SHOEMAKI
RG1	PER PLANS	ALUMINUM AIRFOIL BLADE RETURN GRILLE – 0° DEFLECTION	SOFT WHITE	SHOEMAKI

NOTES FOR AIR TERMINAL DEVICES.

1. SIZES SHOWN IN TABLE ABOVE ARE REGISTER SIZES. SEE PLANS FOR DUCT TAKE–OFF / DUCT CONNECTION SIZES. DIFF
2. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT REGISTER, GRILLE AND DIFFUSER LOCATIONS.
3. OR APPROVED EQUAL MANUFACTURER AND MODEL.
4. FURNISH WITH TRANSITION OR RECTANGULAR TO ROUND REGISTER BOX AS NEEDED. NECK SIZE PER PLANS.

HVAC UNIT THERMOSTAT SETTINGS (RTU1 & RTU2)		
MODE	OCCUPIED (°F)	UNOCCUPIED (°F)
HEATING	70	55

HOOD INFORMATION

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	MIN CFM	WI
1	Hood #1	5424 FC-ND-2-PSP-F	FRYCO SYSTEMS, INC.	12' 0"	450 DEG	I	MEDIUM	200	2400	1920	

Hood Information Notes:
1. Manufacturer shall be FryCo Systems, Inc.
2. Hood #1 is furnished by owner and installed by mechanical contractor.

HOOD INFORMATION

HOOD NO	TAG	FILTER(S)					LIGHT(S)		
		TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIR GUA
1	Hood #1	CAPTRATE SOLO FILTER	9	16"	16"	85% SEE FILTER SPEC	8	SCREW IN HALOGEN	NO

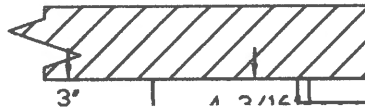
HOOD OPTIONS

HOOD NO	TAG	OPTION
1	Hood #1	FIELD WRAPPER 6.00" HIGH FRONT, LEFT, RIGHT.
		BACKSPLASH 80.00" HIGH X 157.00" LONG 430 SS VERTICAL.
		RIGHT END STANDOFF (FINISHED) 1" WIDE 54" LONG INSULATED.
		BACKSPLASH - INSIDE CORNER 80.00" HIGH X 2.00" LEG LENGTH 430 SS VERTICAL.
		RIGHT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS.
		LEFT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS.
		INSULATION FOR TOP OF HOOD.
		INSULATION FOR BACK OF HOOD.
		RISER SENSOR INSTALL 6IN PLEN.

PERFORATED SUPPLY PLENUM(S)

HOOD NO	TAG	POS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
							WIDTH	LENG	DIA	CFM	SP
1	Hood #1	Front	157"	14"	6"	MUA	12"	20"		640	0.217"
						MUA	12"	20"		640	0.217"
						MUA	12"	20"		640	0.217"

SPECIFICATION: CAPTRATE® GREASE-STOP® SOLO FILTER



EXHAUST FAN INFORMATION

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP
1	EF1	1	FABI18DD-RM	FLOAIRE	2400	1.750	1339	TEFC,PREMIUM	3.000

Exhaust Fan Information Notes:
1. EF1 is furnished by owner and installed by mechanical contractor.

MUA FAN INFORMATION

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOT ENC
2	SF1	1	F2-D.500-20D	20MF-2-MOD	A2-D.500	2000	2800	1.200	1570	TEFC,PR

MUA Fan Information Notes:
1. Manufacturer shall be Floaire.
2. SF1 is furnished by owner and installed by mechanical contractor.

GAS FIRED MAKE-UP AIR UNIT(S)

FAN UNIT NO	TAG	INPUT BTUs	OUTPUT BTUs	TEMP RISE	REQUIRED INPUT GAS PRESSURE	GAS TYPE	BURNER EFFICIENCY(%)
2	SF1	186686	171751	69°F	7 IN. W.C. - 14 IN. W.C.	NATURAL	92

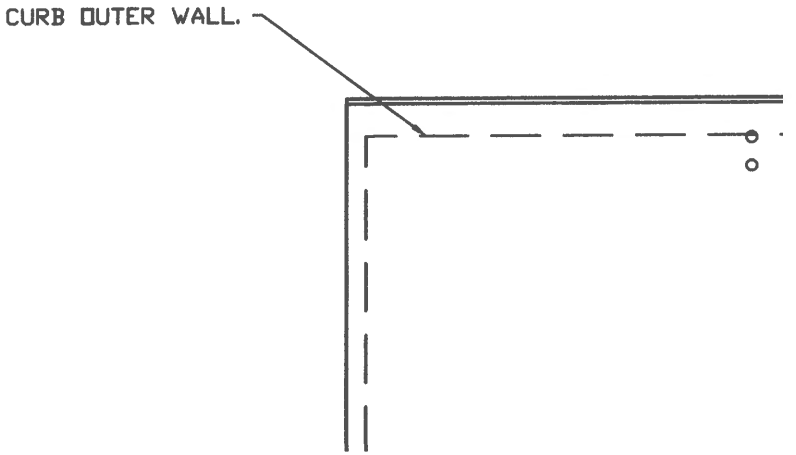
FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1		1	BI18 - INLET SERVICE DUCT CONNECTION. USED TO CONNECT TO STANDARD 20" GREASE DUCT OR FIELD WELDED DUCT. INCLUDES (2) 7" RISERS BOLTED TO STANDARD INLET RISER
		1	UTILITY SET GREASE CUP
		1	BI18 - 24" DISCHARGE EXTENSION
		1	BI - DISCHARGE ORIENTATION VERTICAL UPPER LEFT - CW INLET SIDE
		1	BI18 - INLET CONNECTION STANDARD 20" FLANGED GREASE DUCT
		1	UTILITY SET - SPRING VIBRATION ISOLATORS - BI18 / EQUIVALENT SIZED UTILITY SET - INDOOR/OUTDOOR USE
		1	2 YEAR PARTS WARRANTY
		1	INLET PRESSURE GAUGE, 0-35"
		1	MANIFOLD PRESSURE GAUGE, -5 TO 15" WC

FAN #2 FLOAIRE MODEL F2-D.500-20D - HEATER (SF1)
1. DIRECT GAS FIRED HEATED MAKE UP AIR UNIT WITH 20" MIXED FLOW DIRECT DRIVE FAN.
2. EVAP COOLER (LPD CELDEK) -W/INTAKE HOOD W/EZ FILTERS.
3. SIDE DISCHARGE - AIR FLOW RIGHT -> LEFT.
4. GAS PRESSURE GAUGE, 0-35", 2.5" DIAMETER, 1/4" THREAD SIZE.
5. GAS PRESSURE GAUGE, -5 TO +15 INCHES WC., 2.5" DIAMETER, 1/4" THREAD SIZE.
6. LOW FIRE START. ALLOWS THE BURNER CIRCUIT TO ENERGIZE WHEN THE MODULATION CONTROL IS IN A LOW FIRE POSITION.
7. SHIP LOOSE GAS STRAINER. TO BE INSTALLED UPSTREAM OF UNIT CONNECTION. 1" CONNECTION.
8. MOTORIZED BACK DRAFT DAMPER 22.75" X 24" FOR SIZE 2 STANDARD & MODULAR HEATER UNITS W/EXTENDED SHAFT, STANDARD GALVANIZED CONSTRUCTION, 3/4" REAR FLANGE, LOW LEAKAGE, LF120S ACTUATOR INCLUDED.
9. LAYER CONTROL FOR IBT EVAP.
10. DUCT MOUNTED SMOKE DETECTOR FOR COMMERCIAL DIRECT FIRED HEATER. COMPLETE WITH DETECTOR (D4120) AND SAMPLING TUBE (DST-1.5). SHIPS LOOSE.
11. FREEZE PROTECTION DRAIN CONTROL KIT FOR EVAPORATIVE COOLERS. INCLUDES 3-WAY WATER SOLENOID VALVE 8316G064 (SHIPPED LOOSE), PRESSURE SWITCH INSTALLED UPSTREAM OF 2WAY SOLENOID IN UNIT, BRASS TEE AND 2 NPT HALF INCH NIPPLES. FIELD WIRING REQUIRED BY OTHERS FOR 3-WAY VALVE. FOR BOTH CELDEK AND STANDARD V-BANK TYPE CONFIGURATIONS.
12. CASLINK BUILDING MONITORING SYSTEM COMMUNICATIONS MODULE. REQUIRES INTERNET & FIELD WIRED ETHERNET CONNECTION OR 3G CELLULAR SERVICE. INCLUDES REV 3 COMM MODULE, RJ45 TO MODBUS CONVERTER, 3 FT CAT5 CABLE, AND 1 FT OF SHIELDED TWISTED PAIR.
13. CLOGGED FILTER SWITCH WITH NOTIFICATION ON HMI.
14. SINGLE ELECTRICAL CABINET LED LIGHTS USED ON MODULAR MUA UNITS.
15. SEPARATE 120VAC WIRING PACKAGE FOR MAKE-UP AIR UNITS. OPTION MUST BE SELECTED WHEN MOUNTING VFD IN PREWIRE PANEL OR WITH DCV PACKAGE. PROVIDES SEPARATE 120VAC INPUT TO SUPPLY FAN. THIS 120V SIGNAL MUST BE RUN BY ELECTRICIAN FROM DCV TO MUA SWITCH.
16. PROFILE PLATE CONFIGURATION FOR SIZE 2 DIRECT FIRED UNIT FOR LOW CFM APPLICATIONS.
17. HINGED DOUBLE WALL INSULATED DOOR ASSEMBLY (BURNER/BLOWER/EVAP SECTION).
18. 2 YEAR PARTS WARRANTY

*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT.
SUGGESTED STRAIGHT DUCT SIZE IS 26" x 26".

SUPP
WIN
BTU
OUT
INPU
OUT
INPU

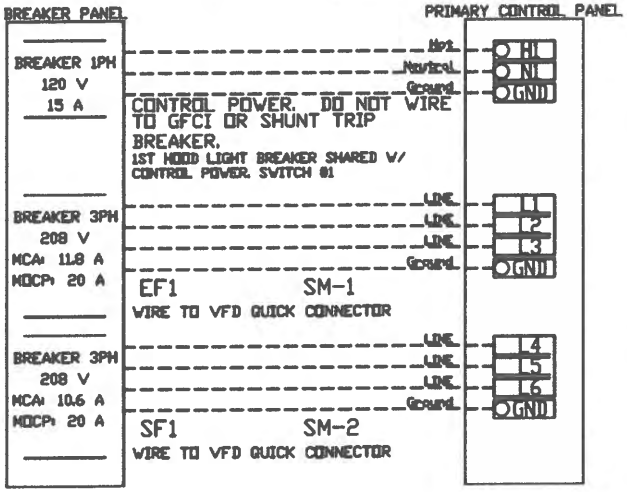


JOB NO	MODEL NUMBER DCV-1111	DRAWN BY	SCHEMATIC TYPE INSTALL	DESCRIPTION OF OPERATION:
	JOB NAME La Vita Bella	DATE 7/27/2022	DWG NO ECP #1-1	Demand Control Ventilation, w/ control for 1 Exhaust Fan, 1 Supply Fan, modulate based on duct temperature. INVERTER DUTY 3 PHASE MOTOR REQU sensor shipped loose for field installation.Verify distance between VFD distance exceeds 50 feet.

BREAKER PANEL TO PRIMARY CONTROL PANEL

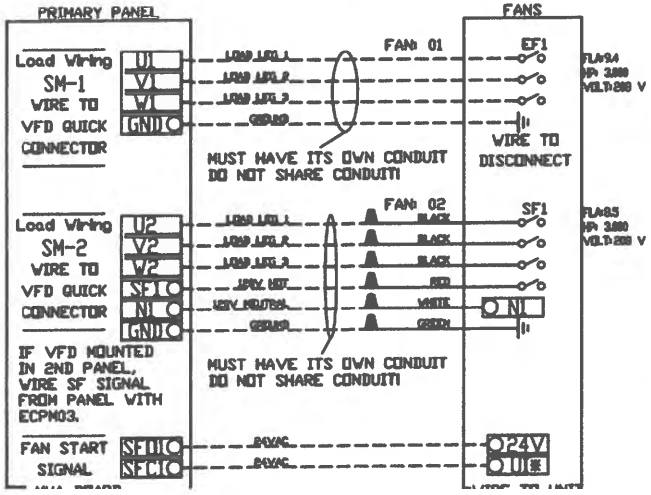
Responsibility: Electrician

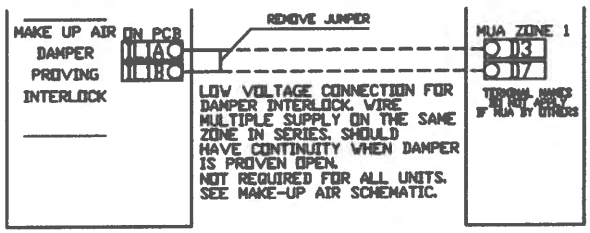
BREAKER SIZE SHOWN IS THE MAXIMUM ALLOWED



CONTROL PANEL TO FANS

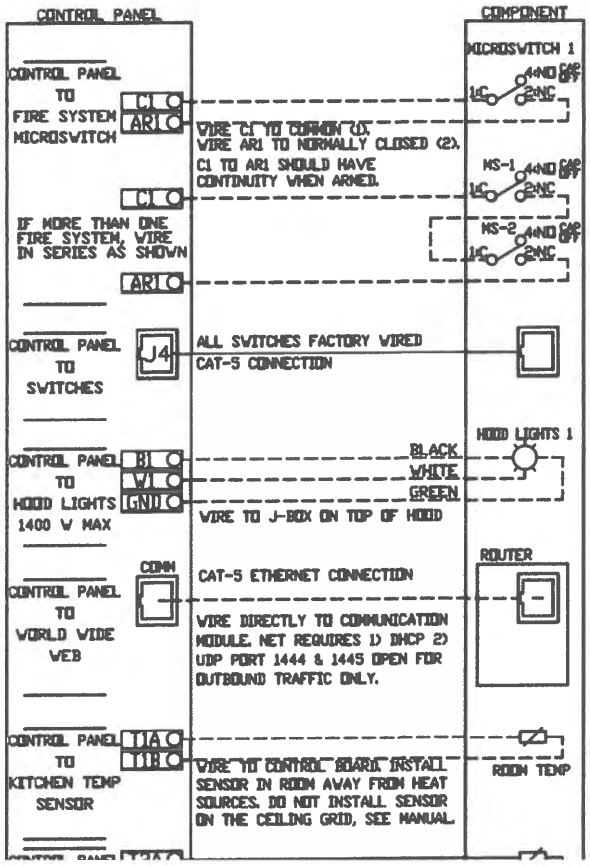
Responsibility: Electrician

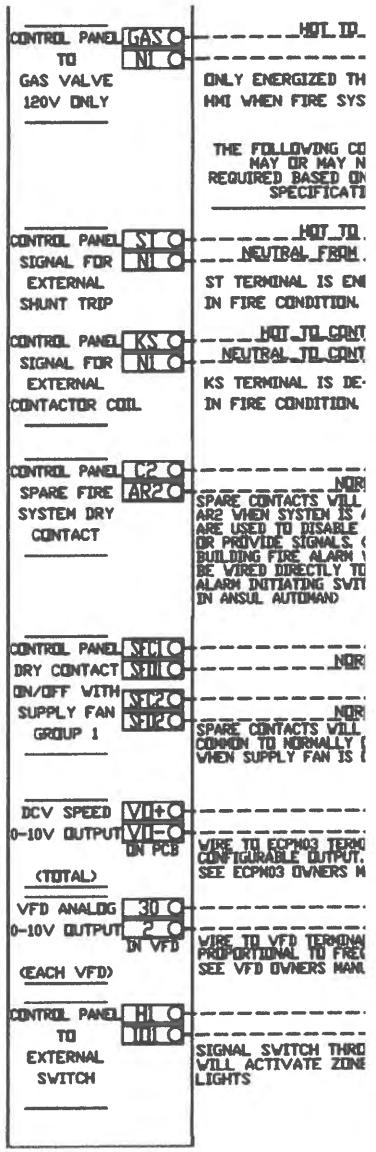


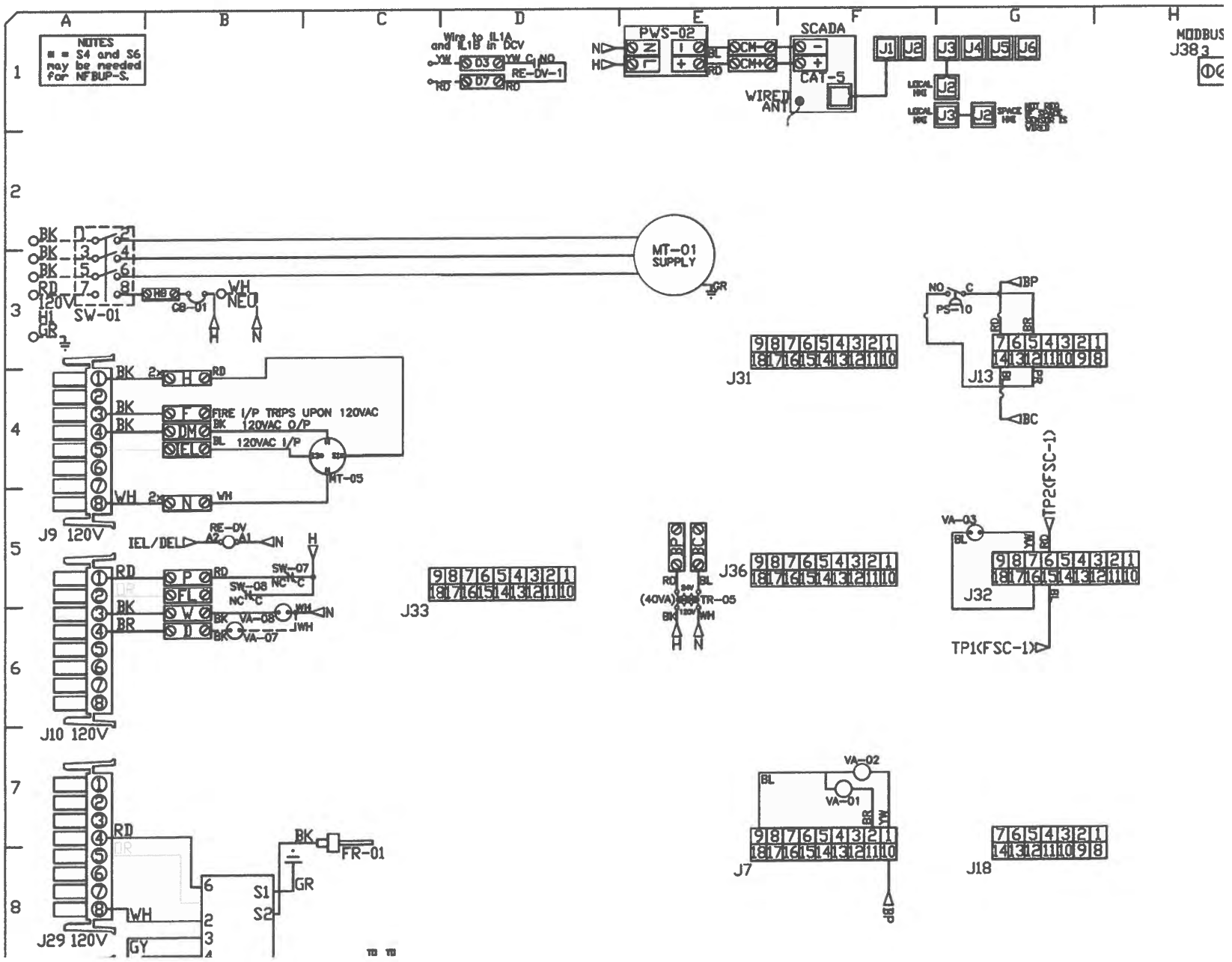


CONTROL PANEL TO ACCESSORY ITEMS

Responsibility: Electrician






NOTES
n = S4 and S6 may be needed for NFBUP-S.
PWS-02
SCADA
CAT-5
WIRED ANT
MODBUS
MT-01 SUPPLY
SW-01
CB-01
FIRE I/P TRIPS UPON 120VAC
120VAC O/P
120VAC I/P
MT-05
J9 120V
J10 120V
J29 120V
IEL/DEL
RE-OV
SW-07
SW-08
VA-08
VA-07
J33
J31
J13
PS-10
J36
TR-05
(40VA)
J32
VA-03
TP2(FSC-1)
TP1(FSC-1)
VA-02
VA-01
J7
J18
FR-01
GR

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RG	RETURN GRILLE
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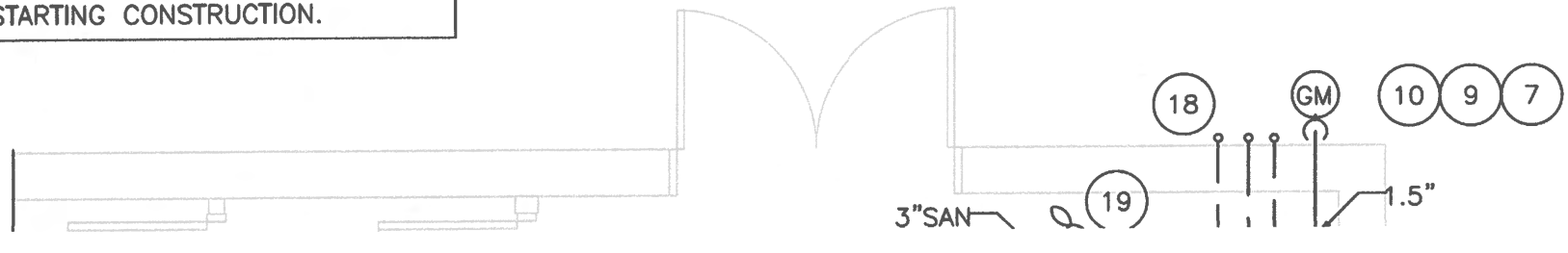
NEW GAS PIPING BASIS OF DESIGN:

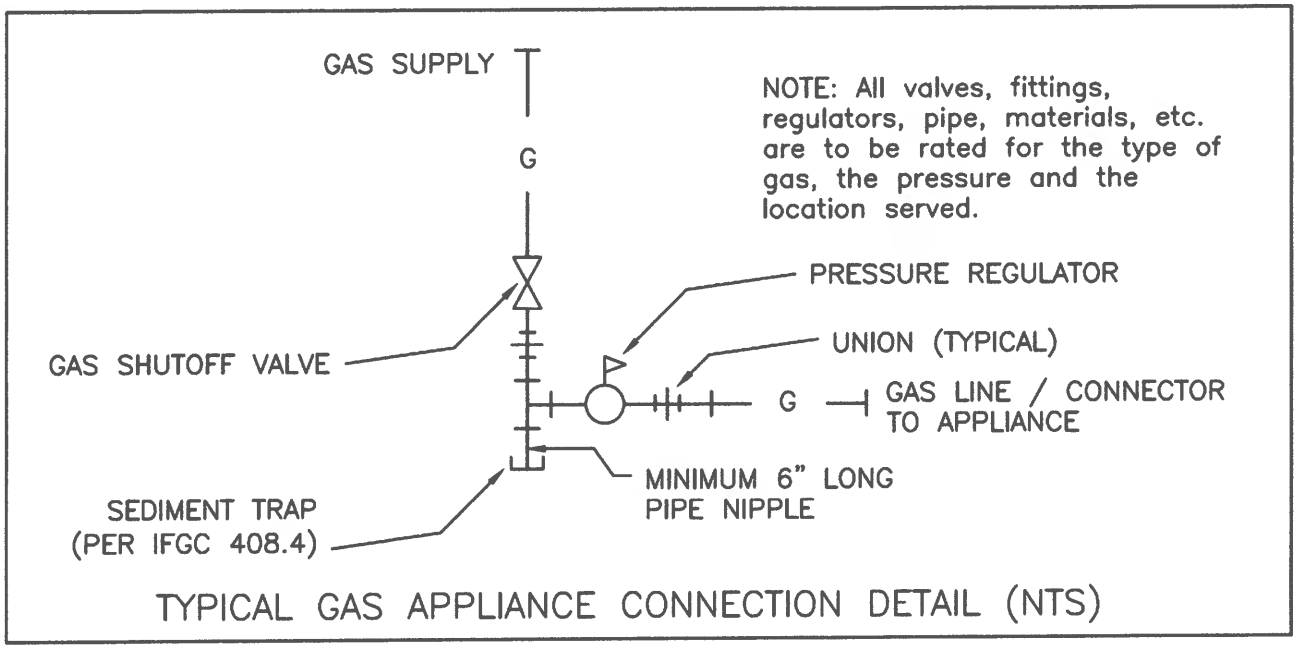
GAS TYPE – NATURAL GAS
DESIGN CRITERIA – 7" W.C. WITH 0.5" W.C. PRESSURE DROP
TOTAL NEW CONNECTED LOAD – 732 MBH

GAS METER TO SF1 DEVELOPED LENGTH – 140 FEET
NEW BRANCH CONNECTED LOAD – 187 MBH

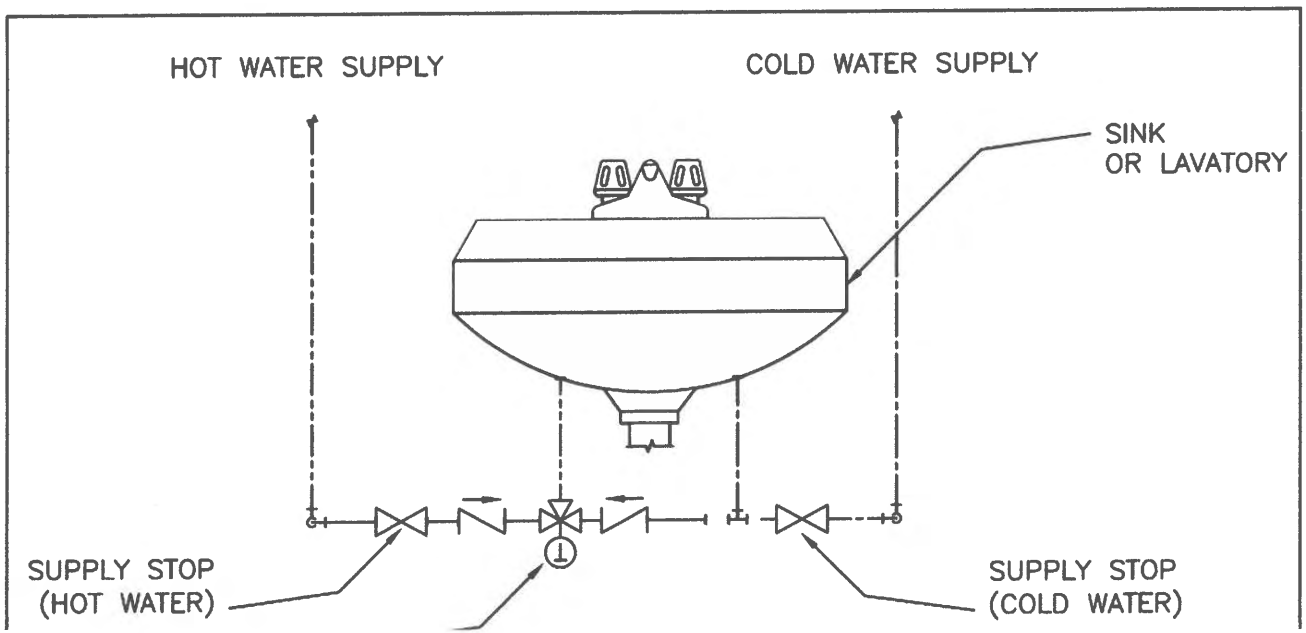
GAS METER TO FRYER DEVELOPED LENGTH – 60 FEET
NEW BRANCH CONNECTED LOAD – 545 MBH

PLUMBING CONTRACTOR TO FIELD VERIFY ALL NEW AND EXISTING SEWER LINE, DRAIN, AND MAIN LOCATIONS, ELEVATIONS, INVERTS, AND ROUTING. CONFIRM PLANNED ROUTING, INVERTS AND ELEVATIONS OF NEW DRAINS / LINES PRIOR TO STARTING CONSTRUCTION. NOTIFY PLUMBING ENGINEER OF ALL DISCREPANCIES AND CONFLICTS. REQUEST RESOLUTION OF DISCREPANCIES AND CONFLICTS PRIOR TO STARTING CONSTRUCTION.





TYPICAL GAS APPLIANCE CONNECTION DETAIL (NTS)



GENERAL CONSTRUCTION NOTES:

1. THE ELECTRICAL CONTRACTOR SHALL VERIFY THAT ALL ELECTRICAL ITEMS TO REMAIN OR BE RELOCATED AND REUSED ARE IN WORKING ORDER PRIOR TO ANY DEMOLITION WORK. IF THE EXISTING MATERIAL IS FOUND TO BE INOPERABLE, CONTRACTOR SHALL INFORM THE OWNER. ONCE ANY DEMOLITION WORK HAS BEGUN, ANY INOPERABLE OR DAMAGED MATERIAL SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

2. VERIFICATION OF EXISTING CONDITIONS. "INASMUCH AS THE REMODELING AND/OR REHABILITATION OF THE EXISTING BUILDING REQUIRES THAT CERTAIN ASSUMPTIONS BE MADE REGARDING EXISTING CONDITIONS, AND BECAUSE SOME OF THESE ASSUMPTIONS MAY NOT BE VERIFIABLE WITHOUT DESTROYING OTHERWISE ADEQUATE OR SERVICEABLE PORTIONS OF THE BUILDING, THE GENERAL CONTRACTOR AGREES THAT, EXCEPT FOR NEGLIGENCE ON THAT PART OF THE DESIGN PROFESSIONAL THE CONTRACTOR WILL HOLD HARMLESS, INDEMNIFY AND DEFEND THE DESIGN PROFESSIONAL FROM AND AGAINST ANY AND ALL CLAIMS ARISING OUT OF THE PROFESSIONAL SERVICES PROVIDED."

3. ANY ELECTRICAL ITEMS SHOWN OR NOT SHOWN ON THE PLANS, OR WHERE CIRCUITS IN EXISTING WALLS ARE REMOVED BY DEMOLITION, SHALL UPON COMPLETION OF REMODEL WORK BE LEFT IN WORKING CONDITION.

4. ALL PHASES OF THE ELECTRICAL WORK SHALL BE COORDINATED WITH THE ARCHITECT. WORK SHALL BE DONE IN A FASHION TO CAUSE AS LITTLE INCONVENIENCE AS POSSIBLE TO THE OWNER.

5. ELECTRICAL DEVICES NOTED TO BE REMOVED SHALL BE REMOVED BACK TO A POINT WHERE EXISTING CONDUIT CAN BE ABANDONED IN CONCEALED SPACES. REMOVE ALL WIRING FROM ABANDONED CONDUIT. ALL BOXES TO BE REMOVED SHALL BE TAKEN OUT OF WALLS AND HAVE HOLES REFINISHED TO MATCH WALL FINISH.

6. ELECTRICAL CONTRACTOR SHALL NOT DEFACE ANY AREAS OF THE BUILDING WHERE REMODELING IS NOT BEING DONE.

7. ROUTING OF EXISTING CONCEALED CONDUIT NOT KNOWN. LOCATION DETERMINED BY ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL RECIRCUIT AS NOTED UTILIZING ANY EXISTING CONDUIT. HE SHALL REMOVE EXISTING WIRE AND REPULL NEW. ALL NEW CONDUIT ADDED SHALL BE CONCEALED WHEREVER POSSIBLE.

8. SURFACE RACEWAY: WHEREVER CONCEALED CONDUIT IN FINISHED AREAS IS NOT POSSIBLE, ELECTRICAL CONTRACTOR SHALL INSTALL SURFACE MOUNTED RACEWAYS EQUAL TO WIREMOLD. RUN SURFACE RACEWAYS IN CORNER OF WALL AND CEILING. ALL RACEWAYS THAT ARE EXPOSED SHALL BE APPROVED BY ARCHITECT PRIOR TO ROUGH-IN.

9. TERMINATING AND SPLICING: MAKE ALL JOINTS AND SPLICES IN BRANCH CIRCUIT WIRING WITH APPROVED SOLDERLESS TOOL APPLIED OR TWIST-ON CONNECTORS, IN THE VARIOUS BOXES, GUTTERS, AND SIMILAR LOCATIONS, BUT NOT IN RACEWAYS. LEAVE SUFFICIENT SLACK TO PERMIT TWO (2) OR MORE SPLICES OR JOINTS TO BE REMADE IN CASE OF FAULT.

10. NM (ROMEX CABLE) WILL NOT BE ALLOWED ON THIS PROJECT.

ELE

SYMBOL

M

CT

WM

PM

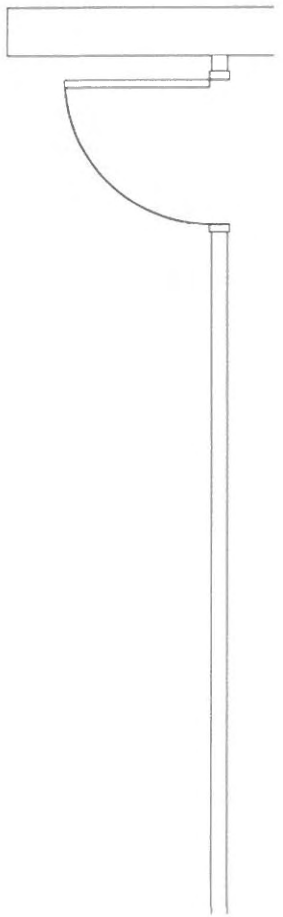
P-1,

J

6

GENERAL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY CONDITION AND PROPER FUNCTIONALITY OF ALL SYSTEMS AND DEVICES WHICH ARE INVOLVED OR AFFECTED BY THE SCOPE OF THIS PROJECT PRIOR TO BEGINNING WORK. ALL DAMAGED OR IMPROPER FUNCTIONALITY SHALL BE REPORTED TO OWNER IN WRITING. UNDOCUMENTED DAMAGE OR IMPROPER FUNCTIONALITY DISCOVERED FOLLOWING THE START OF WORK SHALL BE CORRECTED AT CONTRACTORS EXPENSE TO APPROVAL OF OWNER.
2. COORDINATE FINAL EQUIPMENT LOCATIONS WITH EQUIPMENT PROVIDERS PRIOR TO ROUGH–IN.
3. ALL NEW CONDUIT AND DEVICES SHALL BE CONCEALED WHERE POSSIBLE.



WORK NOTES: (X)

1. EXISTING METER BASE AND MAIN BREAKERS TO REMAIN.
2. EXISTING PANELS TO REMAIN.
3. CONVENIENCE OUTLET CONNECTION. PROVIDE WP/GFCI OUTLET. CONNECT TO EXISTING ROOF TOP RECEPTACLE CIRCUIT.

GENERAL NOTES:

1. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY EXISTING CONDITIONS AND FINISHES OF ALL WALL AND CEILING SYSTEMS WHICH ARE INVOLVED OR AFFECTED BY THE SCOPE OF THIS PROJECT PRIOR TO BEGINNING WORK.
2. COORDINATE FINAL EQUIPMENT LOCATIONS WITH EQUIPMENT PROVIDERS PRIOR TO ROUGH-IN.

WORK NOTES: (X)

1. EXISTING WALL TO BE FURRED OUT UNDER HOOD. PROVIDE 1-1/2" METAL HAT CHANNEL OR Z CHANNEL ATTACHED TO EXISTING WALL. PROVIDE 1 LAYER OF 5/8 TYPE X GWB COVERED WITH NON-INSULATED HOOD WALL PANEL. PANELS SHALL BE 20GA, 430 SS WITH #4 FINISH. PROVIDE SEAM STRIPS AND END CAPS.
2. NEW RATED CHASE AROUND SUPPLY DUCT. RATING SHALL EXTEND FROM 1ST FLOOR CEILING TO ROOF STRUCTURE. SEE DETAILS. G.C. TO FIELD VERIFY / COORDINATE EXACT CHASE SIZE AND LOCATION.
3. NEW RATED CHASE AROUND GREASE DUCT. RATING SHALL EXTEND FROM 1ST FLOOR CEILING TO ROOF STRUCTURE. SEE DETAILS. PROVIDE A MINIMUM OF 1" FROM EXTERIOR OF DUCT TO NON-COMBUSTIBLE FRAMING AND LINER.

STRUCTURAL GENERAL NOTES

PROJECT NUMBER: 22413
PROJECT DESCRIPTION: Kitchen Hood Support
471 Main Street
Longmont, CO 80501

01 0000 – GENERAL REQUIREMENTS:

All construction, unless specifically identified otherwise, shall conform to the following:

- Authority Having Jurisdiction: City of Longmont, CO
- International Building Code (IBC) – 2021 Edition
- Minimum Design Loads for Building and Other Structures–ASCE 7–16
- Jurisdiction Amendments to the above codes

DESIGN LIVE LOADS

a. Roof (SL) ..... 30 psf (Ground SL, pg = 30 psf)
b. Floor (LL) ..... 40 psf
c. Wind Speed (3–Sec Gust) ..... 142 mph (V_{ULT}), 110 mph (V_{ASD})
d. Exposure ..... B
e. Seismic Design Category ..... B

01 3100 – COORDINATION:

1. The contract structural drawings and specifications represent the finished structure. They do not indicate the means or method or sequence of construction. The Contractor shall be responsible for and provide all measures necessary to protect the structure during construction. These measures shall include, but not be limited to: bracing, shoring of loads due to construction equipment, etc. The Contractor shall be responsible for the design and implementation of all scaffolding, bracing and shoring. Observation visits to the site by the Structural Engineer shall not include inspection of the above items. The Structural Engineer will not be responsible for the Contractor's means, methods, techniques, sequences or procedures of construction, nor will the Structural Engineer be responsible for construction site safety, or the safety precautions and the programs incident thereto.
2. The contractor shall comply with all applicable safety regulations and shall retain the services of a third party consultant to instruct the contractor of all OSHA standards and advise/assist the contractor in complying with all OSHA requirements applicable to this project including any design that may be required for shoring and/or bracing. Any changes proposed by the OSHA consultant to the structure shall be brought to the attention of the Architect at least 15 working days prior to start of construction or ordering materials so that modifications to drawings and design can be performed as required.
3. Contractor shall verify all dimensions and coordinate site conditions with the drawings prior to construction. Any discrepancies and omissions shall be resolved with the Architect prior to construction and prior to proceeding. Do not use scaled dimensions.
4. Construction materials shall be spread out if placed on framed floors or roofs so as not to exceed the design live load per square foot.
5. The intent of the drawings, specifications, and details is to include all necessary items for the proper execution of the work; items that are required in one part of the documents are binding as if required by all. Architect/Engineer shall give final interpretation of requirements to the Contractor.
6. Not all openings or equipment are shown on the structural drawings, and it is the general contractor's responsibility to coordinate with the subcontractors and equipment suppliers/manufacturers. Equipment
10. All details shown shall be incorporated into the project at all appropriate locations, whether specifically indicated or not. Typical details may or may not be cut on the drawings, and details may or may not be cut at all specific locations, but shall apply unless noted otherwise.
11. Where reference is made to various test standards for materials or performance, such standards shall be the latest edition and/or addendum.
12. For clarity, all roof, floor and wall openings may not be shown on structural drawings. For exact size, number and location of openings, see architectural, mechanical, electrical and plumbing drawings. For framing at openings, see typical structural details. Verify all sizes, weights and location of mechanical and electrical equipment, ducts, etc. with mechanical and electrical engineers through Architect.
13. Coordinate all shop drawing submittal requirements with the structural notes and the Architect.

CONTRACTOR'S RESPONSIBILITY:

1. It is the contractor's responsibility to coordinate all aspects of construction, including but not limited to, dimensions, wall elevations, head clearances, beam depths & widths as wall as column sizes with actual field conditions for proper fit before starting construction. Engineer will not be liable for any errors resulting from lack or coordination or review by the contractor. Contractor must review and coordinate all aspects of construction with these drawings before starting construction. The contractor shall report any discrepancies to the architect before starting construction so that drawings can be modified before the start of construction.

05 1200 – STRUCTURAL STEEL

1. Structural steel construction shall conform with the latest AISC "Code of Standard Practice for Steel Buildings and Bridges". AISC "Specification for Structural Steel Buildings – Allowable Stress Design and Plastic Design", including commentary, and applicable provisions of AWS "Structural Welding Code". Paragraph 4.2.1 of the AISC "Code of Standard Practice for Steel Buildings and Bridges" is hereby modified by deletion of the following sentence: "this approval constitutes the owner's acceptance of all responsibility for the design adequacy of any detail configuration of connections developed by the fabricator as part of his preparation of these shop drawings.
2. Structural steel WF shapes shall be ASTM A992 (Fy = 50 ksi). Structural steel channels, angles and plates shall be ASTM A36 (Fy = 36 ksi). Structural tube shapes shall be ASTM A500, grade B (Fy = 46 ksi). Steel pipe shall be ASTM A501 (Fy = 36 ksi) or ASTM A53, Type E or S, grade B (Fy = 36 ksi).
3. Bolts shall be ASTM A325N. All high–strength bolts shall be tightened as defined by AISC unless noted otherwise.
4. Anchor bolts and plain threaded bars and anchors shall be ASTM A36 or A307, Grade A.
5. Bolts, anchor bolts, expansion bolts, etc., shall be installed with steel washers.
6. Welding electrodes shall conform to AWS D1.1, Grade E70xx. E90 series electrodes shall be used for ASTM A706 reinforcing bars. All welding shall be done by welders holding valid certificates issued by an accepted testing agency and having current experience in type of welds shown on the drawings or notes. All welding per American Welding Society standards. All welds on drawings are shown as shop

A.B.
ABV.
ADD'TL.
ADJ.
ALT.
APPROX
ARCH.
BAL.
BLD'G
BLK'G
BLW
BM
BOT.
B.O.
BRG
B.S.
BTWN
BTR
BD
BSMT
C.J.
C.L.
CLG
CLR
CMU
COL.
CONC.
CONSTR.
CONN.
CONT.
COORD.
C.P.
CSK
CTR
CTRD
CHG
DBL.
DTL
D.F.
DIAG.
DIM.
D.O.
DWG
DIA.
DEPT.
DWL
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EA.
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EQUIP.
E.S.
EXT.
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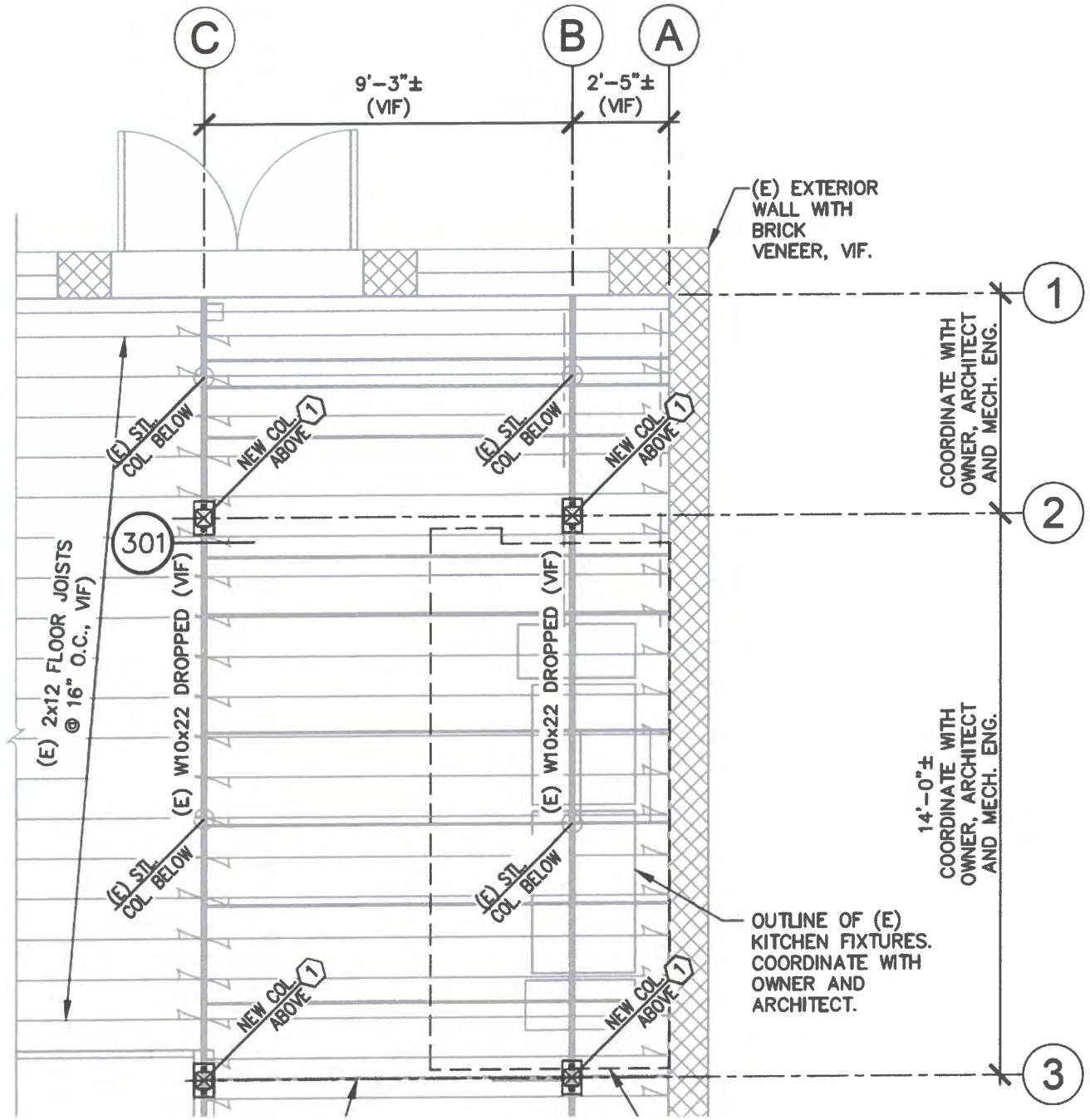
EXP.



PARTIAL FIRST FL

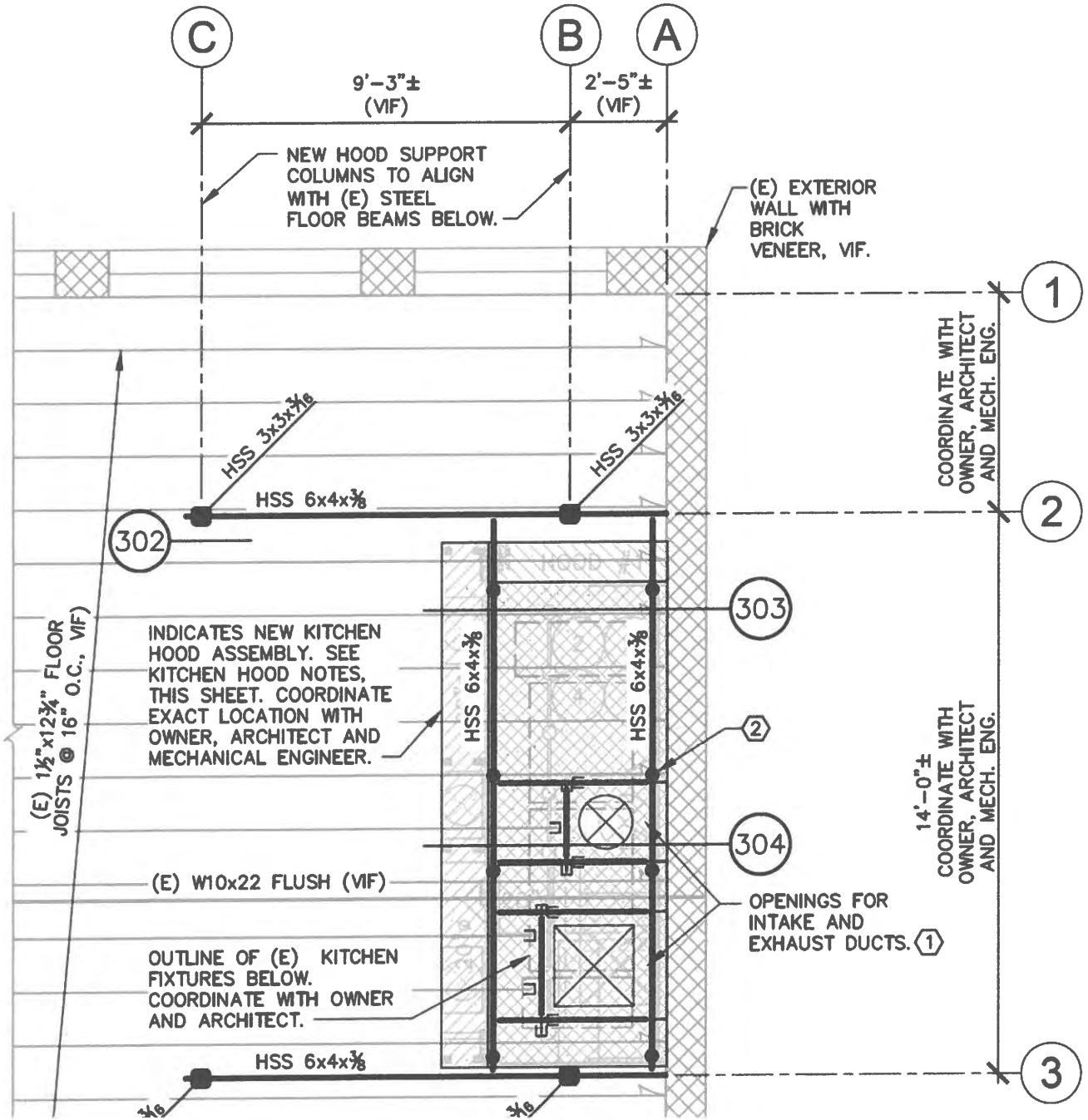
¼" = 1'-0"

PLAN NOTES

1. SEE SHEET S1.0 FOR STRUCTUF
2. CONTRACTOR TO VERIFY EXISTI
   DISCREPANCIES PRIOR TO CONS
   ELEVATIONS OF NEW CONSTRUC
3. ⊠ INDICATES COLUMN ABOVE. S
   SQUASH BLOCKING FULL WIDTH

⬡ PARTIAL FIRST FLOOR FRAMING

① NEW COLUMN TO ALIGN WITH (
AS IN DETAIL 301.



PARTIAL SECOND

¼" = 1'-0"

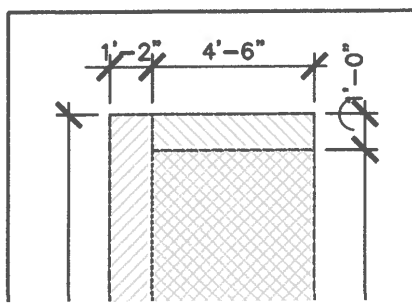
PLAN NOTES

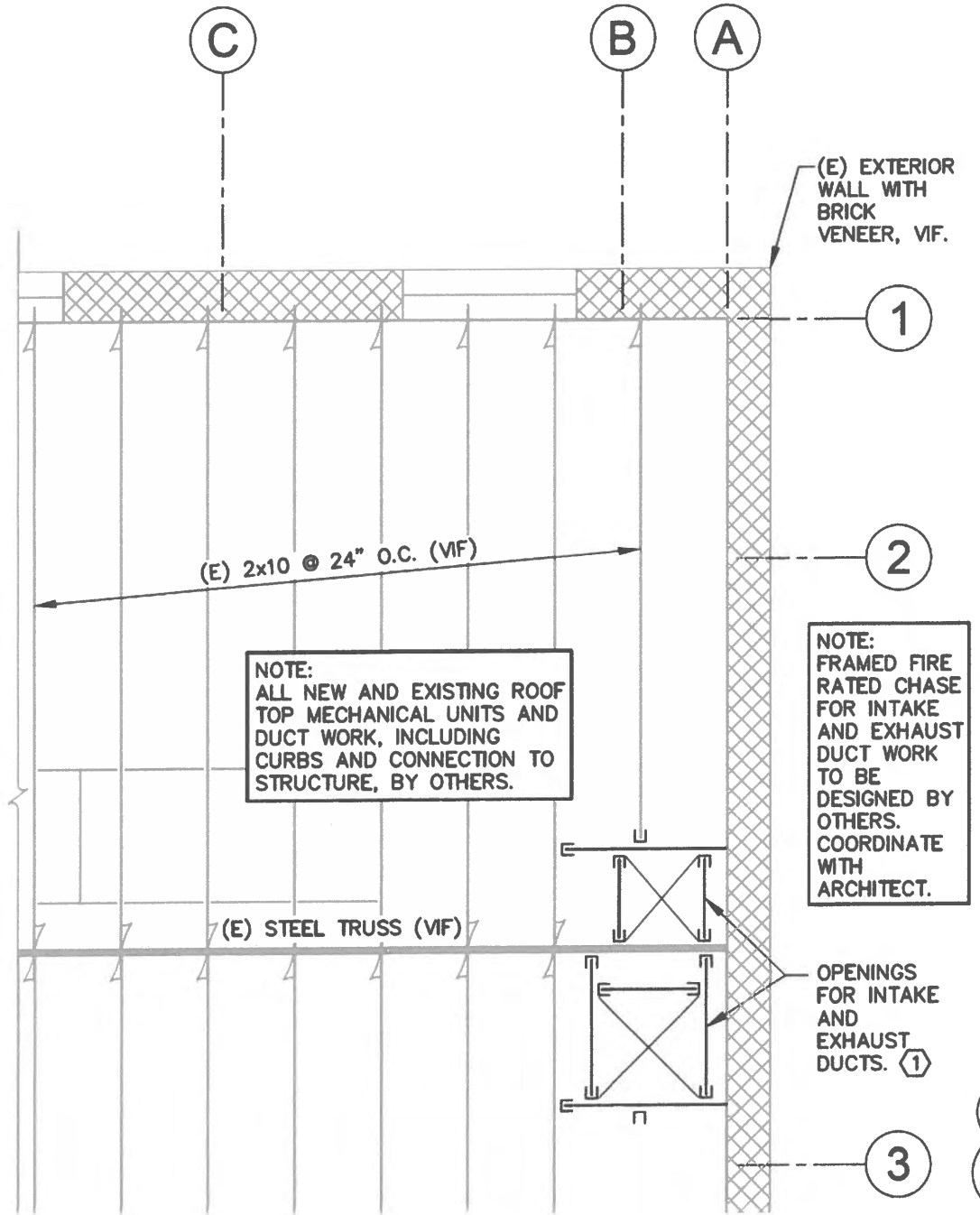
1. SEE SHEET S1.0 FOR STRUCTUI
2. CONTRACTOR TO VERIFY EXISTI DISCREPANCIES PRIOR TO CONS ELEVATIONS OF NEW CONSTRUC
3. ■ INDICATES COLUMN BELOW SI

⬡ PARTIAL SECOND FLOOR FRAMI

1 COORDINATE EXACT LOCATION ARCHITECT AND MECHANICAL E OPENINGS FOR DUCT WORK SH BEAM. HEADER AROUND OPENI FACE OF (E) JOISTS AND SIMP NAILER. PROVIDE HSS 6x3x3/16 NEW HSS FRAMING TO BE INST HEADERS FOR FULL BEARING D 304.

1 2 HANGING ROD SHOWN ON PLAN ASSEMBLY. SEE DETAIL 303 FO





PARTIAL ROOF FR

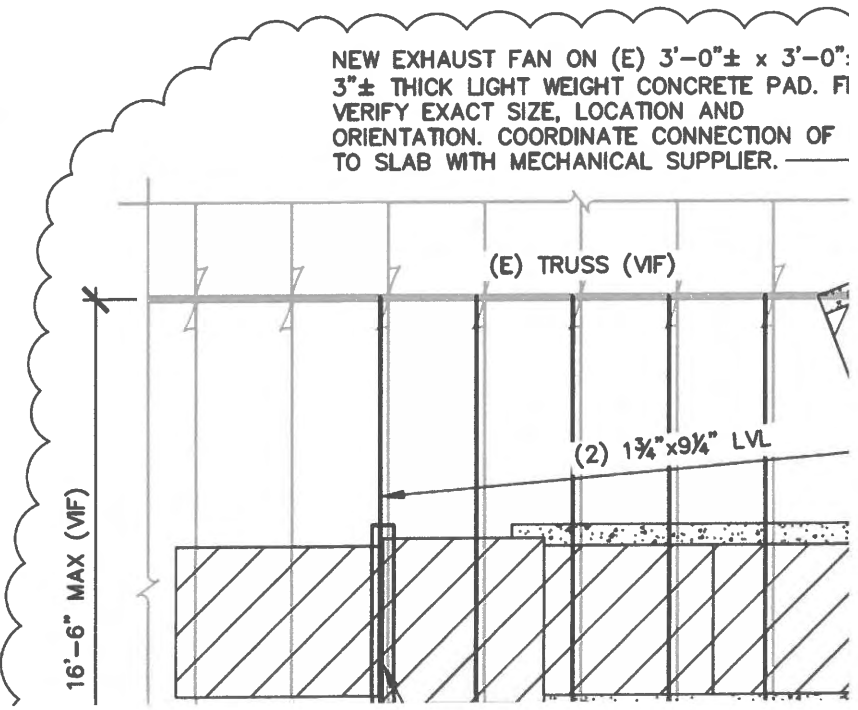
¼" = 1'-0"

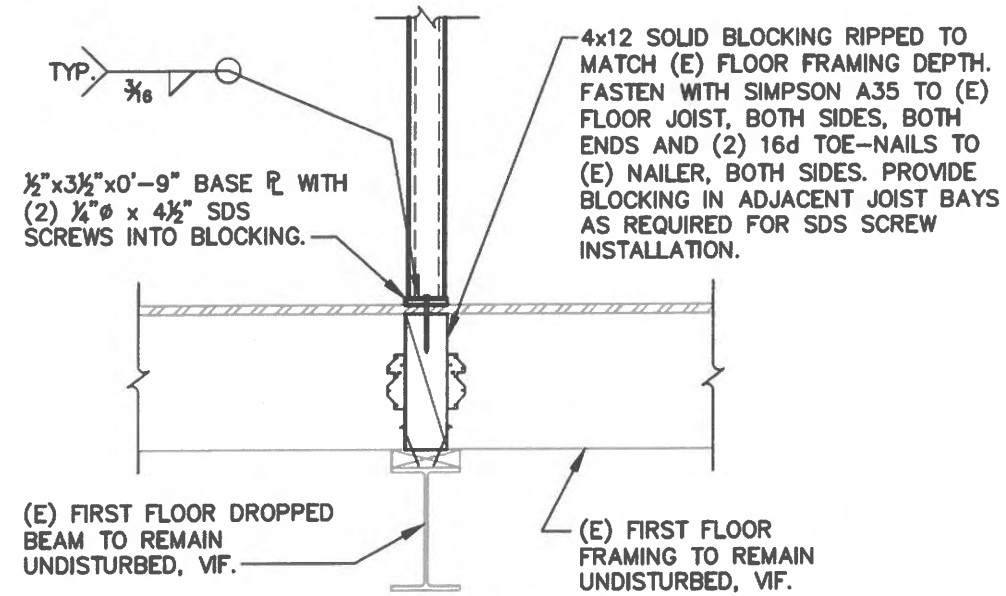
PLAN NOTES

1. SEE SHEET S1.0 FOR STRUCTUI
2. CONTRACTOR TO VERIFY EXISTI DISCREPANCIES PRIOR TO CONS ELEVATIONS OF NEW CONSTRUC

⬡ PARTIAL ROOF FRAMING PLAN

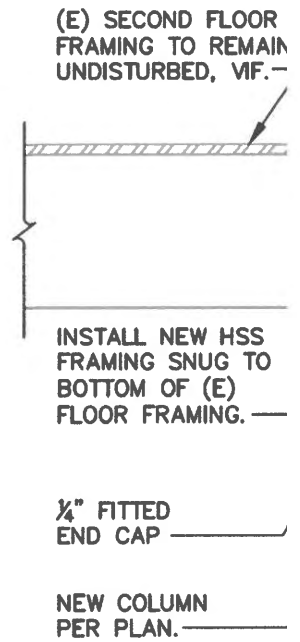
1 COORDINATE EXACT LOCATION ARCHITECT AND MECHANICAL E INTERFERE WITH OR DISTURB E WITH (2) 2x10 WITH SIMPSON L WP210-2 HANGER TO STEEL TI



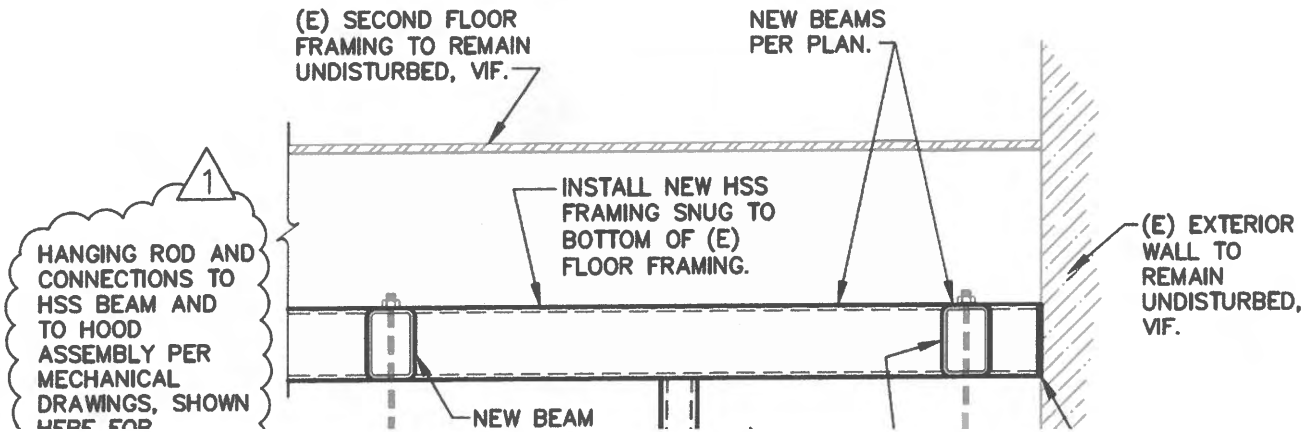

TYP.
3/16
½"x3½"x0'-9" BASE PL WITH (2) ¼"ø x 4½" SDS SCREWS INTO BLOCKING.
4x12 SOLID BLOCKING RIPPED TO MATCH (E) FLOOR FRAMING DEPTH. FASTEN WITH SIMPSON A35 TO (E) FLOOR JOIST, BOTH SIDES, BOTH ENDS AND (2) 16d TOE-NAILS TO (E) NAILER, BOTH SIDES. PROVIDE BLOCKING IN ADJACENT JOIST BAYS AS REQUIRED FOR SDS SCREW INSTALLATION.
(E) FIRST FLOOR DROPPED BEAM TO REMAIN UNDISTURBED, VIF.
(E) FIRST FLOOR FRAMING TO REMAIN UNDISTURBED, VIF.

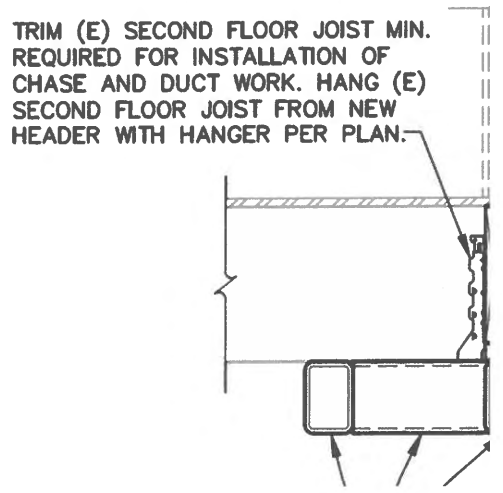
301

N.T.S.


(E) SECOND FLOOR FRAMING TO REMAIN UNDISTURBED, VIF.
INSTALL NEW HSS FRAMING SNUG TO BOTTOM OF (E) FLOOR FRAMING.
¼" FITTED END CAP
NEW COLUMN PER PLAN.

302


(E) SECOND FLOOR FRAMING TO REMAIN UNDISTURBED, VIF.
NEW BEAMS PER PLAN.
INSTALL NEW HSS FRAMING SNUG TO BOTTOM OF (E) FLOOR FRAMING.
(E) EXTERIOR WALL TO REMAIN UNDISTURBED, VIF.
1
HANGING ROD AND CONNECTIONS TO HSS BEAM AND TO HOOD ASSEMBLY PER MECHANICAL DRAWINGS, SHOWN
NEW BEAM


TRIM (E) SECOND FLOOR JOIST MIN. REQUIRED FOR INSTALLATION OF CHASE AND DUCT WORK. HANG (E) SECOND FLOOR JOIST FROM NEW HEADER WITH HANGER PER PLAN.