

**A RESOLUTION APPROVING A BUSINESS UTILITY ASSISTANCE GRANT (BUAG) WITH MOUNTAINSIDE PIZZA, INC. DBA DOMINO’S PIZZA**

WHEREAS, Mountainside Pizza, Inc. dba Domino’s Pizza (the “Grantee”) is making utility improvements to the property located at 530 Malley Drive, Northglenn, CO 80233 (the “Property”); and

WHEREAS, NURA desires to facilitate the proposed improvements by reimbursing the tenant for utility upgrade improvements as described hereto as **Exhibit B** (the “improvements”); and

WHEREAS, NURA specifically finds that entering into this Agreement (**Exhibit A**) will enhance the physical appearance and economic viability of the Property, will protect adjacent properties from deterioration, and will maintain a positive business environment in the City of Northglenn.

**NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF COMMISSIONERS OF THE NORTHGLENN URBAN RENEWAL AUTHORITY, THAT:**

Section 1. The Incentive Agreement attached hereto as **Exhibit A** is hereby approved for up to Twelve Thousand Five Hundred Dollars and Zero Cents (**\$12,500.00**) and the Chair is authorized to execute the same on behalf of the Authority.

DATED this \_\_\_\_\_ day of \_\_\_\_\_, 2022

\_\_\_\_\_  
Rosie Garner  
Chair

ATTEST:

APPROVED AS TO FORM

\_\_\_\_\_  
Debbie Tuttle  
Executive Director

\_\_\_\_\_  
Jeff Parker  
Board Attorney

**NORTHGLENN URBAN RENEWAL AUTHORITY  
BUSINESS UTILITY ASSISTANCE GRANT (BUAG)**

THIS NORTHGLENN URBAN RENEWAL AUTHORITY BUSINESS UTILITY ASSISTANCE AGREEMENT (the "Agreement") is made and executed this \_\_\_\_ day of \_\_\_\_\_, 2022, (the "Effective Date") by and between the NORTHGLENN URBAN RENEWAL AUTHORITY, a Colorado Urban Renewal Authority ("NURA") and Mountainside Pizza, Inc. dba Domino's Pizza (the "Grantee") (individually a "Party" or collectively the "Parties").

**W I T N E S S E T H**

WHEREAS, NURA is authorized under the provisions of Colorado's Urban Renewal Law, C.R.S. § 31-25-101, *et seq.*, to enter into agreements and provide financial incentives for the redevelopment of property to eliminate blight; and

WHEREAS, such redevelopment may be made and encouraged by granting financial assistance to businesses located within the NURA boundaries and to business owners of property within NURA boundaries; and

WHEREAS, Grantee desires to improve the property located at 530 Malley Drive, Northglenn, CO 80233 (the "Property") with the utility upgrade improvements more specifically described in Grantee's application for business incentives attached hereto as **Exhibit B** (the "Improvements"); and

WHEREAS, the Improvements are intended to preserve the Property, by protecting against its deterioration, maintaining a positive business environment in the City, and attracting other businesses to the City and the Northglenn Urban Renewal Area; and

WHEREAS, the Improvements will further the public purpose of NURA as set forth in C.R.S. § 31-25-102; and

WHEREAS, NURA desires to reimburse Grantee by paying Grantee for a portion of the Improvements pursuant to the terms of this Agreement.

**NOW, THEREFORE**, in order to promote redevelopment, fulfill NURA's urban renewal purpose as set forth in Colorado's Urban Renewal Law, C.R.S. § 31-25-101, *et seq.*, and achieve the above-referenced goals, and in consideration of the performance of the mutual covenants and promises set forth herein, the receipt and adequacy of which are hereby acknowledged, the Parties agree as follows:

**I. REIMBURSEMENT**

A. NURA agrees to reimburse Grantee an amount up to a maximum amount of Twelve Thousand Five Hundred Dollars and Zero Cents (\$12,500.00) for the Improvements as follows:

1. The Improvements shall be constructed in compliance with all applicable laws, rules and regulations, including without limitation, all applicable building and technical codes, and City of Northglenn ordinances (collectively, the "Laws");
2. The Improvements shall be maintained and operated in compliance with the Laws;
3. All required approvals of any governmental authority with jurisdiction over the Improvements shall be obtained by Grantee prior to construction of the Improvements;
4. All contractors and subcontractors have signed lien waivers for all work and materials related to the Improvements; and
5. Grantee shall provide NURA with itemized reasonably detailed invoices and financial documentation that to NURA's reasonable satisfaction confirm the Actual Direct Costs of the Improvements.

The phrase "Actual Direct Costs" means costs invoiced to Grantee by the contractor(s) which can include sales and use taxes, permits, and project design review fees, but shall not include internal Grantee costs, such as Grantee staff time or Grantee travel expenses.

B. Reimbursement to Grantee shall be made as follows:

1. Reimbursement shall not be made until all of the Improvements have been fully completed and all governmental requirements have been satisfied; and
2. Upon completion of the Improvements and Grantee being in compliance with all of the requirements of this Agreement, and upon delivery to NURA of fully paid invoices for all the Improvements, NURA shall reimburse Grantee up to a maximum of Twelve Thousand Five Hundred Dollars and Zero Cents (\$12,500.00) for the Actual Direct Costs incurred by Grantee for the Improvements; and
3. NURA's obligation to reimburse Grantee shall terminate if Grantee has not met all of the above-listed conditions by August, 9, 2022.

## II. ONGOING GRANTEE OBLIGATIONS

In addition to any ongoing obligations set forth in or reasonably implied from Section I, Grantee shall maintain the Improvements in good condition and good working order. If at any time within five (5) years from the Effective Date, Grantee fails to comply with the above-referenced conditions, Grantee shall reimburse NURA for all amounts paid by NURA to Grantee under this Agreement; provided that NURA shall first provide Grantee with written notice that one or both of the above-referenced conditions has been breached and Grantee shall have ten (10) days to cure the breach.

### III. PROMOTION

Grantee authorizes NURA to promote the approved project, including but not limited to the following: Website, Signage, Northglenn Connection, Economic Development E-newsletter, and other marketing and promotional publications and communication methods.

### IV. INDEMNIFICATION

Grantee agrees to indemnify and hold harmless NURA and its officers, insurers, volunteers, representatives, agents, employees, heirs and assigns from and against all claims, liability, damages, losses, expenses and demands, including attorney fees, on account of injury, loss, or damage, including, without limitation, claims arising from bodily injury, personal injury, sickness, disease, death, business loss or damage, or any other loss of any kind whatsoever, which arise out of or are in any manner connected with this Agreement if such injury, loss, or damage is caused in whole or in part by, the act, omission, error, professional error, mistake, negligence, or other fault of Grantee, any subcontractor of Grantee, or any officer, employee, representative, or agent of Grantee, or which arise out of any worker's compensation claim of any employee of Grantee or of any employee of any subcontractor of Grantee.

### V. MISCELLANEOUS

A. Governing Law and Venue. This Agreement shall be governed by the laws of the State of Colorado, and any legal action concerning the provisions hereof shall be brought in Adams County, Colorado.

B. No Waiver. Delays in enforcement or the waiver of any one or more defaults or breaches of this Agreement by NURA shall not constitute a waiver of any of the other terms or obligation of this Agreement.

C. Integration. This Agreement and any attached exhibits constitute the entire Agreement between Grantee and NURA, superseding all prior oral or written communications.

D. Third Parties. There are no intended third-party beneficiaries to this Agreement.

E. Notice. Any notice under this Agreement shall be in writing, and shall be deemed sufficient when directly presented or sent pre-paid, first class United States Mail to the party at the following addresses set forth on the first page of this Agreement.

If to NURA:

Executive Director  
Northglenn Urban Renewal Authority  
11701 Community Center Drive  
Northglenn, CO 80233

If to Grantee: Mountainside Pizza, Inc.  
Domino's Pizza – Team Wow  
Joseph R. Vanasco  
5314 Paylor Lane  
Lakewood Ranch, FL 34240

Either party may change such notice address upon prior written notice to the other party.

F. Severability. If any provision of this Agreement is found by a court of competent jurisdiction to be unlawful or unenforceable for any reason, the remaining provisions hereof shall remain in full force and effect.

G. Modification. This Agreement may only be modified upon written agreement of the Parties.

H. Assignment. Neither this Agreement nor any of the rights or obligations of the Parties hereto, shall be assigned by either party without the written consent of the other.

I. Governmental Immunity. NURA, its officers, and its employees, are relying on, and do not waive or intend to waive by any provision of this Agreement, the monetary limitations or any other rights, immunities, and protections provided by the Colorado Governmental Immunity Act, C.R.S. § 24-10-101, *et seq.*, as amended, or otherwise available to NURA and its officers or employees.

J. Rights and Remedies. The rights and remedies of NURA under this Agreement are in addition to any other rights and remedies provided by law. The expiration of this Agreement shall in no way limit NURA's legal or equitable remedies, or the period in which such remedies may be asserted.

K. Subject to Annual Appropriations. Any financial obligations of NURA not performed during the current fiscal year are subject to annual appropriation, and thus any obligations of NURA hereunder shall extend only to monies currently appropriated and shall not constitute a mandatory charge, requirement or liability beyond the current fiscal year.

*[Remainder of page intentionally blank. Signatures on following pages.]*

IN WITNESS WHEREOF, the Parties hereto have executed this Agreement on the date first set forth above.

**NORTHGLENN URBAN RENEWAL  
AUTHORITY**

\_\_\_\_\_  
Rosie Garner Date  
Chair

ATTEST:

\_\_\_\_\_  
Debbie Tuttle Date  
Executive Director

APPROVED AS TO FORM:

\_\_\_\_\_  
Jeff Parker  
NURA Attorney

**Mountainside Pizza, Inc. dba Domino's Pizza**

By [Signature]

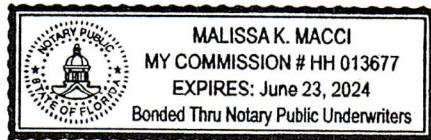
Its: CONTROLLER

FLORIDA )  
 STATE OF ~~COLORADO~~ )  
 ) ss.  
 COUNTY OF SARASOTA )

The foregoing instrument was subscribed, sworn to and acknowledged before me this \_\_\_ day of \_\_\_\_\_, 2022, by \_\_\_\_\_ as \_\_\_\_\_ of Mountainside Pizza, Inc. dba Domino's Pizza.

My commission expires:

( S E A L )



Malissa K. Macchi  
 Notary Public



# Business Utility Assistance Grant (BUAG) Application Form

Name of Applicant: Joseph R Vanasco

Name of Business: Mountainside Pizza, Inc (dba Domino's)

Address of Business: 530 Malley Dr., Northglenn, CO 80233

Mailing Address (if different than business): 5314 Paylor Lane, Lakewood Ranch, FL 34240

Phone Number: 813-277-8977 Email: joe@team-wow.com

Type of Business: Domino's Pizza

Applicant is the:  Property Owner  Business Owner  Other \_\_\_\_\_

How many years has the business been in existence? Mountainside-9Yrs, Domino's-62

How long has the business been operating at the current location? N/A

When does your current lease expire? 04-30-2032

If lease expires in less than two years, please explain the circumstances:

Property owner's name (if different from applicant): Xing Long House, LLC-Ricky Ye(PM)

Property owner's address: 536 Malley Dr., Northglenn, CO 80233

Property owner's phone number: 720-589-1866 or 720-238-7286

*Note: If you are not the property owner, please have the property owner or authorized representative co-sign this application under Property Owner Authorization on Page 3.*

Why are you requesting this grant?

To help supplement costs associated with installation of electrical upgrades.

\_\_\_\_\_

\_\_\_\_\_



**Proposed Improvements:**

Please describe the proposed improvements to the property. If applicable, include one photograph of all area(s) showing the existing building conditions **prior** to the improvements.

**Three** bids are required for the proposed work. If you have any additional building information such as measured plans, site plans, or architectural documentation for improvements (plans, sketches, or construction costs, permit and construction fees and taxes), please include them with your application.

**Utility Improvements Description:**

Removal of existing electrical panel, installation of two (2) new electrical panels, new LED lighting, power to new RTU's, tankless water heater, kitchen equipment (including but not limited to ovens, hood, makelines, walk-in-cooler, dishwasher), etc. and installation of tune filter (filters harmonics which helps reduce energy consumption).

**Bid information:**

Bid #1: Company	<u>Creative Construction</u>	Amount \$	<u>46,928</u>
Bid #2: Company	<u>New Style Contracting</u>	Amount \$	<u>57,500</u>
Bid #3: Company	<u>Tracon Construction</u>	Amount \$	<u>58,500</u>

Which company have you chosen to perform the work? Creative Construction

Is this company licensed to perform work in Northglenn? Yes  No

**Budget & Timing:**

Total overall proposed project budget: \$ 46,928

Total amount of funding assistance being requested: \$ 12,500

Desired completion date: 04-15-2022

**Authorization:**

The applicant authorizes the Northglenn Urban Renewal Authority (NURA) to promote an approved project, including but not limited to, displaying a NURA grant program sign or sticker at the site during and after construction, and the use of photographs and descriptions of the city and NURA related communications and materials.

The applicant understands that NURA reserves the right to make changes in the conditions of the Business Utility Assistance Grant program as warranted.

The applicant understands that, in the event this application is approved, a binding agreement must be signed and recorded. The applicant must also provide proof of the completed project prior to the release of grant funds.

Signature of Applicant *(VANASCO)* Date *01-28-2022*

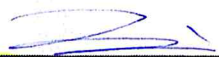
**Property Owner Authorization:**

If the applicant is not the property owner, please have the property owner or an authorized representative review and co-sign this application below.

As owner of property at 530 Malley Dr. Northglenn, CO (address) I have reviewed the above application and authorize the operator of Domino's

(business name) at said address to perform improvements described above as part of the NURA Business Utility Assistance Grant program.

**Signature of Property Owner or Authorized Representative:**

  
Name

1/29/2022  
Date

**SUBMITTAL CHECKLIST**

Please check all the boxes below indicating that you have included the following required documentation:

- Original Application Form
- At least one color photo of each area of the building where the improvements will be made **prior** to the improvements (if applicable)
- Color rendering(s) of proposed scope of work (**Electrical Drawings**)
- Three (3) contractor bids (including complete project description and cost estimate)
- \$25 application fee payable to NURA
- Project Fact Sheet
- Pre-Treatment Questionnaire & Approvals (**Submitted to City per Shannon**)
- Building/Planning/Public Works Approvals (**To be submitted later per Shannon**)
- Completed W-9 – Request for Taxpayer ID & Certification



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LUMINAIRE SCHEDULE								
CALLOUT	SYMBOL	LAMP	MODEL	DESCRIPTION	BALLAST	MOUNTING	INPUT WATTS	VOLTS
A1		(1) LED	GENESIS GLSZARCH-40W-5000K	2'X2' LED TROFFER, 5000K	STANDARD	CEILING	40	120V 1P 2W
AE		(1) LED	GENESIS GLSZARCH-40W-5000K	2'X2' LED TROFFER NIGHT LIGHT, 5000K	STANDARD	CEILING	40	120V 1P 2W
B		(1) LED	GENESIS GLSD6-15W-3000K-120/277-WHITE	6" APERTURE LED DOWNLIGHT	STANDARD	RECESSED	15	120V 1P 2W
C		(1) LED	GENESIS GLSD6-15W-3000K-120/277-WHITE	6" APERTURE LED DOWNLIGHT	STANDARD	RECESSED	15	120V 1P 2W
CE		(1) LED	GENESIS GLSD6-15W-3000K-120/277-WHITE	6" APERTURE LED DOWNLIGHT NIGHT LIGHT	STANDARD	RECESSED	15	120V 1P 2W
EM1		(2) 1.1W LED	GENESIS GLSLEDR1	LED EMERGENCY LIGHT WITH EMERGENCY BATTERY BACK UP 90 MINUTE MINIMUM.	STANDARD	WALL	1	120V 1P 2W
EM2		(1) 1.5W LED	GENESIS GLSRELED-S-W	DECORATIVE LED AC/EMERGENCY LIGHT WATERPROOF	STANDARD	WALL	1.5	120V 1P 2W
EXL		(1) 1W LED	GENESIS LEDCXTE-1-R-W-EM	EXIT SIGN WITH EMERGENCY BATTERY BACKUP 90 MIN MINIMUM	STANDARD	WALL	1	120V 1P 2W

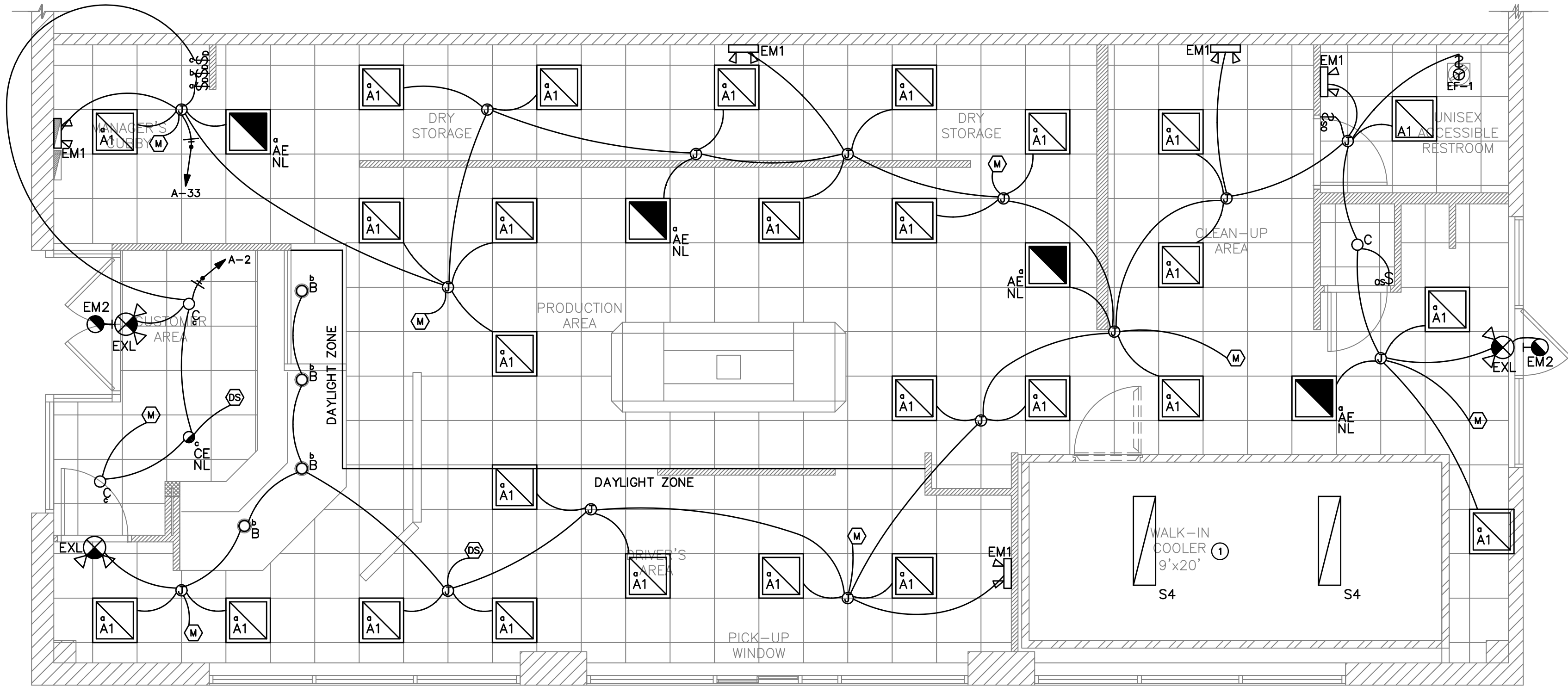
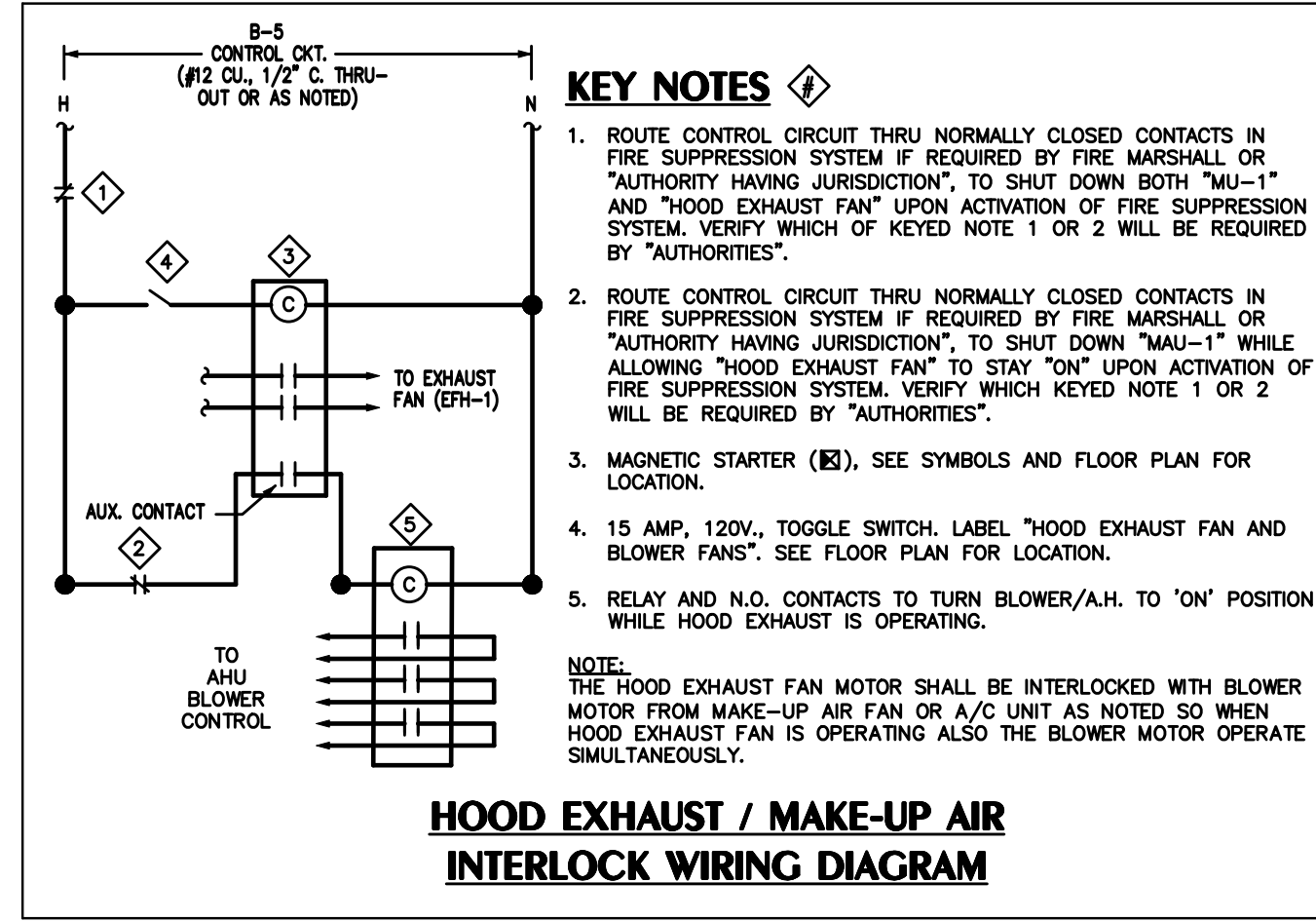
**GENERAL NOTES:**  
 A. ELECTRICAL CONTRACTOR SHALL COORDINATE ALL DEVICE & FIXTURE FINISHES, LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO PURCHASING ANY EQUIPMENT. ALSO CONFIRM THE EXACT CEILING TYPE PRIOR TO ORDERING ANY FIXTURES.  
 B. CONNECT ALL EXIT AND EMERGENCY LIGHTING TO UNSWITCHED LEG OF LOCAL LIGHTING CIRCUIT.

**LIGHT SENSOR SYMBOLS:**

- STANDARD RANGE ULTRASONIC/INFRARED SENSOR (MOUNTED TO CEILING)  
MFR: SENSORSWITCH, CAT# CMR-PDT-9, (OR EQUAL)
- STANDARD RANGE AUTOMATIC DIMMING CONTROL SENSOR (MOUNTED TO CEILING)  
MFR: SENSORSWITCH, CAT# CMR-ADC, (OR EQUAL)  
(LOWER CASE LETTER DESIGNATES WHICH FIXTURES ARE TO BE CONTROLLED BY THIS SENSOR)
- WALL MOUNTED TIME SWITCH WITH OVERRIDE FUNCTION.  
MFR: INTERMATIC, CAT# EB60WC, (OR EQUAL)  
COORDINATE LOCATION WITH OWNER, CONNECT TO 120V LIGHTING BRANCH CIRCUITS TO PROVIDE AUTOMATIC SHUT-OFF.
- DAY LIGHT SENSOR
- WALL MOUNTED OCCUPANCY/VACANCY SENSOR SWITCH
- WALL MOUNTED DIMMER SWITCH

**KEYED NOTES**

- WALK-IN COOLER LIGHTS PROVIDED BY MFR, CONNECTED AT HEAT TAPE & LIS J-BOX, SHOWN FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR SHALL VERIFY THAT ADDED LOAD DOES NOT EXCEED 80 WATTS.



**ELECTRICAL LIGHTING PLAN**  
SCALE: 1/4"=1'-0"

**COMcheck Software Version 4.1.5.3**  
**Interior Lighting Compliance Certificate**

**Project Information**

Energy Code: 2018 IECC  
 Project Title: DOMINO'S PIZZA  
 Project Type: Alteration

Construction Site: 640 Malley Dr., Northglenn, CO 80233  
 Owner/Agent: [Blank]  
 Designer/Contractor: AZ

Area Category	Floor Area (ft <sup>2</sup> )	C Allowed Watts / ft <sup>2</sup>	D Allowed Watts (B X C)
1-Common Space Types:Food Preparation	1803	1.06	1911
		Total Allowed Watts =	1911

Fixture ID - Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Common Space Types:Food Preparation (1803 sq.ft.)				
LED 1: A1: 2X2 Other:	1	27	40	1080
LED 2: AE: 2X2 NL: Other:	1	4	40	160
LED 3: B: CAN: Other:	1	4	15	60
LED 4: C: CAN: Other:	1	3	15	45
LED 5: CE: CAN NL: Other:	1	1	15	15
				Total Proposed Watts = 1360

**Interior Lighting PASSES**

**Interior Lighting Compliance Statement**

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2018 IECC requirements in COMcheck Version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name - Title: \_\_\_\_\_ Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**COMcheck Software Version 4.1.4.3**  
**Inspection Checklist**  
 Energy Code: 2018 IECC

Requirements: 100.0% were addressed directly in the COMcheck software

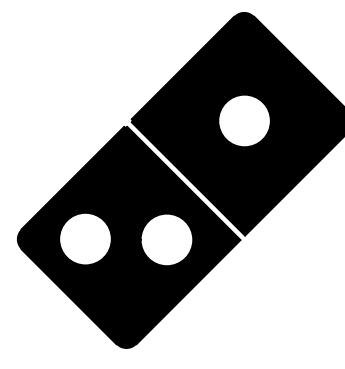
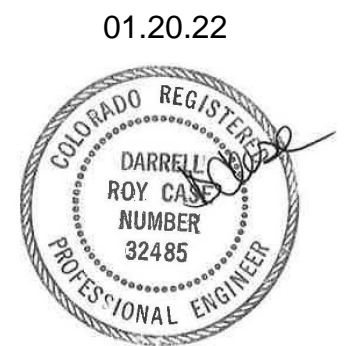
Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req. ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR4]	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**



1001 SE SANDY BLVD., SUITE 100  
 PORTLAND, OR 97214  
 V: 503.552.9079  
 F: 503.241.7055  
 WWW.GNICHARCH.COM



**Project No: 5510**  
 Domino's Pizza Bakery Store  
 Pizza Theater Tenant Improvement  
 640 Malley Drive., Northglenn, CO 80233  
 for Longhorn Pizza, Inc.  
 5313 Paylor Lane, 34240

ISSUED FOR PERMIT:  
 12.22.2021

REV: DATE: DESCRIPTION:

SHEET NAME:  
 ELECTRICAL LIGHTING PLAN

SDE-21136  
 SHEET NUMBER:

E2.0

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310.505.6222

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- GENERAL NOTES:**
- A. PROVIDE DUAL ELEMENT FUSES AND SIZE PER EQUIPMENT NAMEPLATE.
- KEY NOTES:**
- E = FURNISHED BY ELECT. CONTRACTOR
  - F = FUSED (300V = FRNR / 600V = FRSR)
  - B = BREAKER
  - I = INTEGRAL WITH UNIT
  - NF = NON-FUSED
  - Q = FURNISHED WITH EQUIPT
  - N3R = NEMA-3R RATED
  - N1 = NEMA-1 RATED

GENERAL EQUIPMENT SCHEDULE									
CALLOUT	SYMBOL	DESCRIPTION	VOLTS	AMPS	KVA	CALC. LOAD KVA	CIRCUIT	WIRE CALLOUT	
EF-1	⊗	EXHAUST FAN #1	120V 1P 2W	0.83	0.1	0.13	A-33	3/4"C,1#10,#10G	
EFH-1	⊗	HOOD EXHAUST FAN	208V 3P 3W	2.54	0.91	1.14	B-5,7,9	3/4"C,3#12,#12G	
HT & LIGHTS	⊙	HEAT TAPE & LIGHTS	120V 1P 2W	6	0.72	1	A-10	3/4"C,1#12,#12N,#12G	
K9	⊕	CRESCOR HOT HOLD CAB	120V 1P 2W	16	1.92	2.4	A-8	3/4"C,1#12,#12N,#12G	
K10	⊕	MAKELINE RCP	120V 1P 2W	13.8	1.66	1	A-14	3/4"C,1#12,#12N,#12G	
K10	⊕	MAKELINE RCP	120V 1P 2W	13.8	1.66	1	A-12	3/4"C,1#12,#12N,#12G	
K12	⊕	TRIPLE STACK CONVEYOR	120V 1P 2W	4.8	0.58	1	B-6	3/4"C,1#12,#12N,#12G	
K12	⊕	TRIPLE STACK CONVEYOR	120V 1P 2W	4.8	0.58	1	B-2	3/4"C,1#12,#12N,#12G	
K12	⊕	TRIPLE STACK CONVEYOR	120V 1P 2W	4.8	0.58	1	B-1	3/4"C,1#12,#12N,#12G	
K14	⊕	ATOSA MIN-FRIDGE	120V 1P 2W	1.5	0.18	0.23	A-22	3/4"C,1#12,#12N,#12G	
K21	⊕	2 DOOR VISI-COOLER	120V 1P 2W	7	0.84	1.05	A-19	3/4"C,1#12,#12N,#12G	
K22	⊕	COKE COOLER	120V 1P 2W	7.5	0.9	1	A-31	3/4"C,1#12,#12N,#12G	
K27A-1	⊕	COOLER EVAP UNIT #1	120V 1P 2W	2	0.24	0.3	A-17	3/4"C,1#12,#12N,#12G	
K27A-2	⊕	COOLER EVAP UNIT #2	120V 1P 2W	2	0.24	0.3	A-15	3/4"C,1#12,#12N,#12G	
K27B	⊕	COOLER COND UNIT	208V 3P 3W	10.5	3.78	4.73	A-7,9,11	3/4"C,3#12,#12G	
K29	⊕	DISHMACHINE WATER HEAT BOOSTER	208V 3P 3W	21	7.57	9.46	A-37,39,41	3/4"C,3#10,#10G	
RTU-1	⊕	ROOFTOP UNIT #1	208V 3P 3W	38.5	13.87	15.1	A-1,3,5	1"C,3#4,#10G	
RTU-2	⊕	ROOFTOP UNIT #2	208V 3P 3W	25.6	9.22	10.65	A-32,34,36	3/4"C,3#6,#10G	

NOTE: ALL DISCONNECTS AND SWITCHES TO BE PROVIDED AND INSTALLED BY ELEC CONTRACTOR.

**GENERAL KITCHEN NOTES**

1. FINAL CONNECTION TO ALL KITCHEN EQUIPMENT SHALL BE MADE WITH "SEAL-TITE" FLEXIBLE CONDUIT.
2. THE ELECTRICAL CONTRACTOR SHALL MAKE FINAL ELECTRICAL CONNECTIONS TO ALL KITCHEN FOOD SERVICE AND RELATED EQUIPMENT.
3. KF# - INDICATES FOOD SERVICE EQUIPMENT IDENTIFICATION NUMBER. SEE KITCHEN SCHEDULE ON THIS SHEET.
4. THE ELECTRICAL CONTRACTOR SHALL VERIFY ROUGH-IN REQUIREMENTS, LOCATIONS, MOUNTING HEIGHTS, VOLTAGE, PHASE, AMPS, HP, KW, ETC. FOR ALL HVAC AND PLUMBING EQUIPMENT PRIOR TO ROUGH-IN.
5. PROVIDE SEAL-OFFS FOR ALL CONDUITS ENTERING OR LEAVING WALK-IN BOXES.
6. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE ROUGH-IN REQUIREMENTS, LOCATIONS, ORIENTATION, VOLTAGE, PHASE, HP, KW, ETC. FOR ALL HVAC AND PLUMBING EQUIPMENT PRIOR TO ROUGH-IN.
7. ALL CIRCUITS SHALL HAVE AN INSULATED GROUND WIRE (BOND) SIZED PER N.E.C. 250.122, #12 MINIMUM GROUND WIRE NOT SHOWN ON DRAWINGS.
8. THE ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL DISCONNECT SWITCHES, CONDUIT, WIRE AND INSTALL UNDER SUPERVISION OF KITCHEN EQUIPMENT SUPPLIER.
9. THE ELECTRICAL CONTRACTOR SHALL VERIFY THE PLUG CONFIGURATIONS FOR APPLICABLE KITCHEN EQUIPMENT WITH SUPPLIER PRIOR TO ROUGH-IN.
10. PROVIDE GFCI PROTECTION FOR ALL KITCHEN RECEPTACLES PER NEC 210.8(B).
11. ALL RECEPTACLES IN PRODUCTION AREA LOW WALL SHALL BE MOUNTED HORIZONTALLY AT +6" BELOW LOW WALL CAP U.N.O.

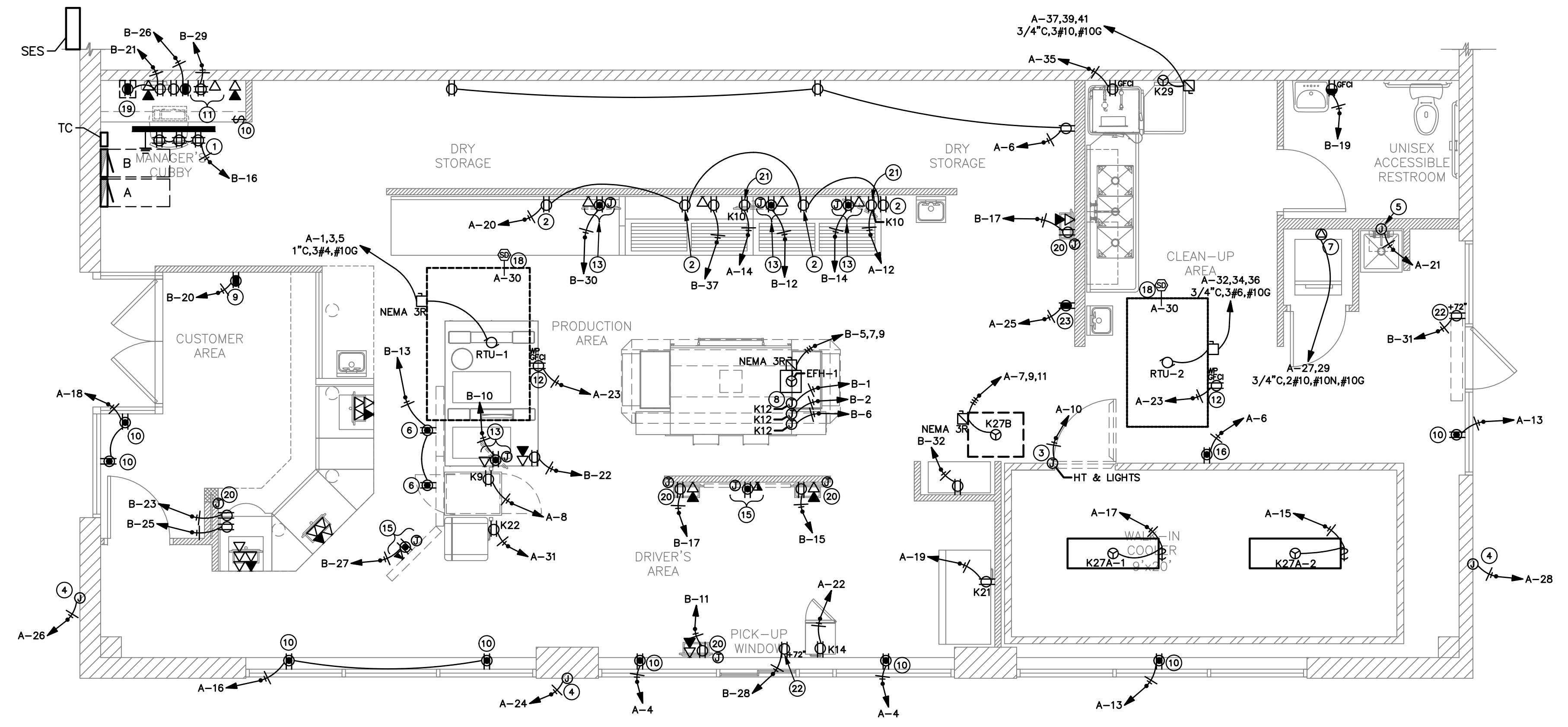
DATA ROUGHS ARE BY GC AND DATA CABLING BY DOMINO'S VENDER

**LOW VOLTAGE SYSTEM NOTE:**  
 ELECTRICAL CONTRACTOR SHALL PROVIDE A TELEPHONE MOUNTING BOARD (TMB), AS NOTED ON DRAWINGS AND 1-1/4" CONDUIT, WITH PULLWIRE, TMB, IN MANAGER OFFICE, TO ALL POINT OF SALE (POS) LOCATIONS, DRIVERS STATIONS AND OTHER LOCATIONS AS DIRECTED BY GENERAL CONTRACTOR (GC) AND/OR LOW VOLTAGE CONTRACTOR (LVC) FOR LOW VOLTAGE WIRING SYSTEM. ELECTRICAL CONTRACTOR SHALL MEET WITH GC AND LVC AND COORDINATE ALL REQUIREMENTS AND LOCATIONS FOR LOW VOLTAGE SYSTEM ROUGH-IN, INCLUDING TMB, CONDUITS AND J-BOXES FOR WIRING AND DEVICES PRIOR TO BEGINNING INSTALLATION.

**NOTE:**  
 CONTRACTOR SHALL NOT INSTALL CONDUIT OR J-BOXES IN FIRE-RATED WALLS UNLESS REQUIRED. IF REQUIRED ALL PENETRATIONS IN FIRE-RATED PARTITIONS BETWEEN TENANT SPACES SHALL BE PROTECTED IN ACCORDANCE WITH SECTION 714 OF IBCB. DESIGN INFORMATION FOR APPROVED FIRE STOPPING SYSTEMS SHALL BE PROVIDED ON CONSTRUCTION DRAWINGS OR PROVIDED IN ADDENDUM TO SUCH DRAWINGS.

**KEYED NOTES**

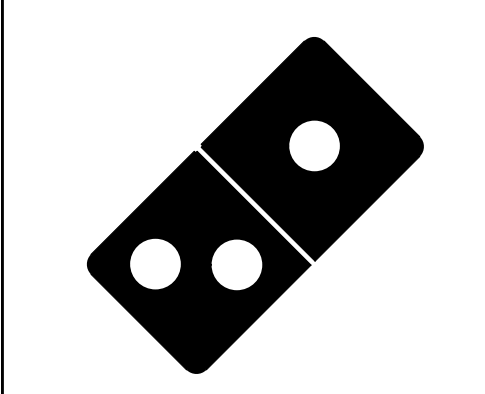
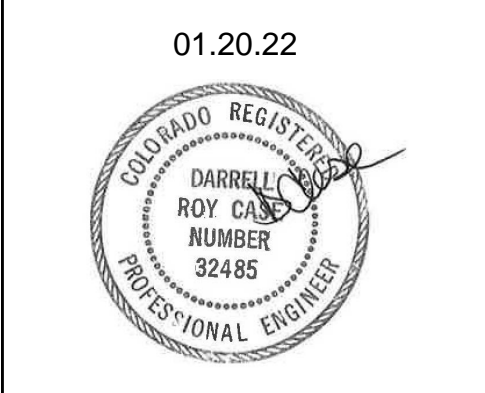
1. PROVIDE A FIRE-TREATED 4"x13/4" PLYWOOD WITH #6 CU. GND. FOR TELEPHONE/COMMUNICATIONS MOUNTING BOARD T.M.B. TO COMPLY WITH NEC 800.100(B). COORDINATE EXACT LOCATION WITH OWNER PRIOR TO INSTALLATION. PROVIDE 3/4" C. TO MAIN BUILDING TELEPHONE MOUNTING CABINET/BOARD. MOUNT ABOVE SUSPENDED CEILING WHERE SHOWN IN ACCESSIBLE CEILING SPACE.
2. RECEPTACLE BEHIND MAKELINE AND PREP COUNTER RECOMMENDED TO BE MOUNTED AS HIGH AS POSSIBLE U.N.O. COORDINATE MOUNTING HEIGHTS & LOCATION WITH OWNER.
3. J-BOX FOR CONNECTION TO WALK-IN COOLER DOOR HEAT TAPE AND LIGHTS. PROVIDE W.P. MANUAL SWITCH AND MAKE CONNECTION TO LIGHTS. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH VENDOR.
4. PROVIDE W.P. JUNCTION BOX FOR CONNECTION TO NEW TENANT SIGNAGE. VERIFY EXACT LOCATION IN FIELD AND WITH OWNER PRIOR TO ANY WORK. VERIFY ELECTRICAL REQUIREMENTS WITH SIGN SUPPLIER. CIRCUIT THRU ASTRONOMICAL TIME CLOCK, PROVIDED BY GC.
5. PROVIDE JUNCTION BOX AND 20A RECEPTACLE FOR CONNECTION TO WATER HEATER (ON/CONTROL/RECIRCULATION PUMP, AS APPLICABLE). COORDINATE EXACT LOCATIONS WITH PLUMBING CONTRACTOR. VERIFY ELECTRICAL REQUIREMENTS WITH W/H SUPPLIER/INSTALLER.
6. PROVIDE A CEILING MOUNTED RECEPTACLE FOR CONNECTION TO LED MENU BOARD. 600 WATTS MAX (EACH). VERIFY EXACT REQUIREMENTS WITH SUPPLIER AND THE LOCATION IN FIELD.
7. 30A, 120/208V 1PH, GFCI PROTECTED RECEPTACLE FOR ELECTRIC COMBINATION CLOTHES WASHER/DRYER. VERIFY LOCATION, RECEPTACLE CONFIGURATION AND ELECTRICAL REQUIREMENTS WITH THE OWNER AND MANUFACTURER. PROVIDE #10, #10 GND., IN 3/4"C. TO MEET NEC REQUIREMENTS.
8. PROVIDE JUNCTION BOX FOR CONNECTION TO OVEN CONTROLLER. COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF CONTROLS WITH SUPPLIER.
9. PROVIDE A TAMPER RESISTANT COMBINATION 15A, 120V RECEPTACLE AND A USB CHARGER DEVICE TO BE EQUAL TO ARROWHART TR7740W. MOUNT COMBO-OUTLETS HORIZONTALLY AT +38" AFF.
10. SHOW-WINDOW RECEPTACLE, MOUNT FLUSH IN CEILING. PROVIDE 120V 20A SWITCH AT MANAGERS OFFICE FOR SHOW-WINDOW RECEPTACLES CONTROL. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN.
11. PROVIDE DATA OUTLET AND QUAD RECEPTACLE FOR SECURITY EQUIPMENT. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH-IN. VERIFY EXACT ELECTRICAL REQUIREMENTS WITH INSTALLER OR OWNER.
12. PROVIDE A WP/GFI RECEPTACLE WITHIN 25"-0" OF HVAC EQUIPMENT. MOUNT RECEPTACLE AT +18" ABOVE ROOF/GROUND AS APPROPRIATE TO MEET NEC.
13. CONTRACTOR TO PROVIDE A DUPLEX RECEPTACLE AND DATA OUTLET AS SHOWN MOUNTED ABOVE CEILING.
14. NOT USED.
15. PROVIDE WALL/POLE MOUNTED RECEPTACLE FOR PIZZA TRACKER OR TV.
16. PROVIDE A 20A, 120V, DUPLEX RECEPTACLE IN CEILING FOR MAGNETIC CAR-TOPPERS ASV. VERIFY LOCATION AND ADDITIONAL REQUIREMENTS WITH OWNER.
17. NOT USED.
18. SMOKE DETECTOR MOUNT IN DUCT PER MECHANICAL CODE REQUIREMENTS.
19. PROVIDE USB/DUPLEX RECEPTACLE. COORDINATE EXACT LOCATION WITH OWNER PRIOR TO ROUGH IN.
20. PROVIDE JUNCTION BOX AND 3/4"C. E.C. (RECOMMENDED) WITH PULLSTRING FOR MONITOR CABLING BY OTHERS. COORDINATE EXACT LOCATIONS AND REQUIREMENTS WITH SUPPLIER OR OWNER.
21. PROVIDE A 20A-120V RECEPTACLE FOR MAKELINE COMPRESSOR. LOCATE RECEPTACLE NEAREST TO MAKELINE COMPRESSOR AS POSSIBLE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH EQUIPMENT SUPPLIER AND GC.
22. PROVIDE A 20A, 120V RECEPTACLE FOR CONNECTION TO AIR CURTAIN. COORDINATE EXACT LOCATION, MOUNTING HEIGHT AND ELECTRICAL REQUIREMENTS WITH GC AND EQUIPMENT SUPPLIER.
23. PROVIDE A 20A, 120V RECEPTACLE MOUNTED ABOVE PREP TABLE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH OWNER.



**ELECTRICAL POWER PLAN**  
 SCALE: 1/4"=1'-0"



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**Project No: 5510**  
 Domino's Pizza Bakery Store  
 Pizza Theater Tenant Improvement  
 640 Malley Drive., Northglenn, CO 80233  
 for Longhorn Pizza, Inc.  
 5313 Paylor Lane, 34240

ISSUED FOR PERMIT:  
 12.22.2021

REV: DATE:	DESCRIPTION:
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SHEET NAME:  
 ELECTRICAL  
 POWER PLAN

SDE-21136  
 SHEET NUMBER:

**E3.0**  
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PRIOR TO THE COMMENCEMENT OF WORK, CONTRACTOR TO COORDINATE THE WORK REPRESENTED IN THIS SET OF DOCUMENTS. CONTRACTOR TO FIELD VERIFY CONDITION, LOCATION, SIZE, CAPACITY AND FLOW DIRECTION OF EXISTING SYSTEMS AND COMPONENTS BEING INCORPORATED INTO THE SYSTEMS AS INDICATED IN THESE DOCUMENTS.

UNLESS OTHERWISE NOTED, ALL EQUIPMENT, MATERIAL AND SYSTEM COMPONENTS CONTAINED OR REFERRED TO BY THESE DOCUMENTS ARE TO BE CONSIDERED AS NEW TO BE FURNISHED AND INSTALLED (F&I) AS THUS.

SEE SHEETS M1.0, P1.0, P4.0 AND ARCHITECTURAL DOCUMENTS FOR ADDITIONAL REQUIREMENTS.

UNLESS OTHERWISE NOTED, FLASH AND COUNTER FLASH ALL DUCTS, EQUIPMENT CURBS, ETC. PENETRATING THE ROOF/EXTERIOR WALLS, MAKE WATERTIGHT.

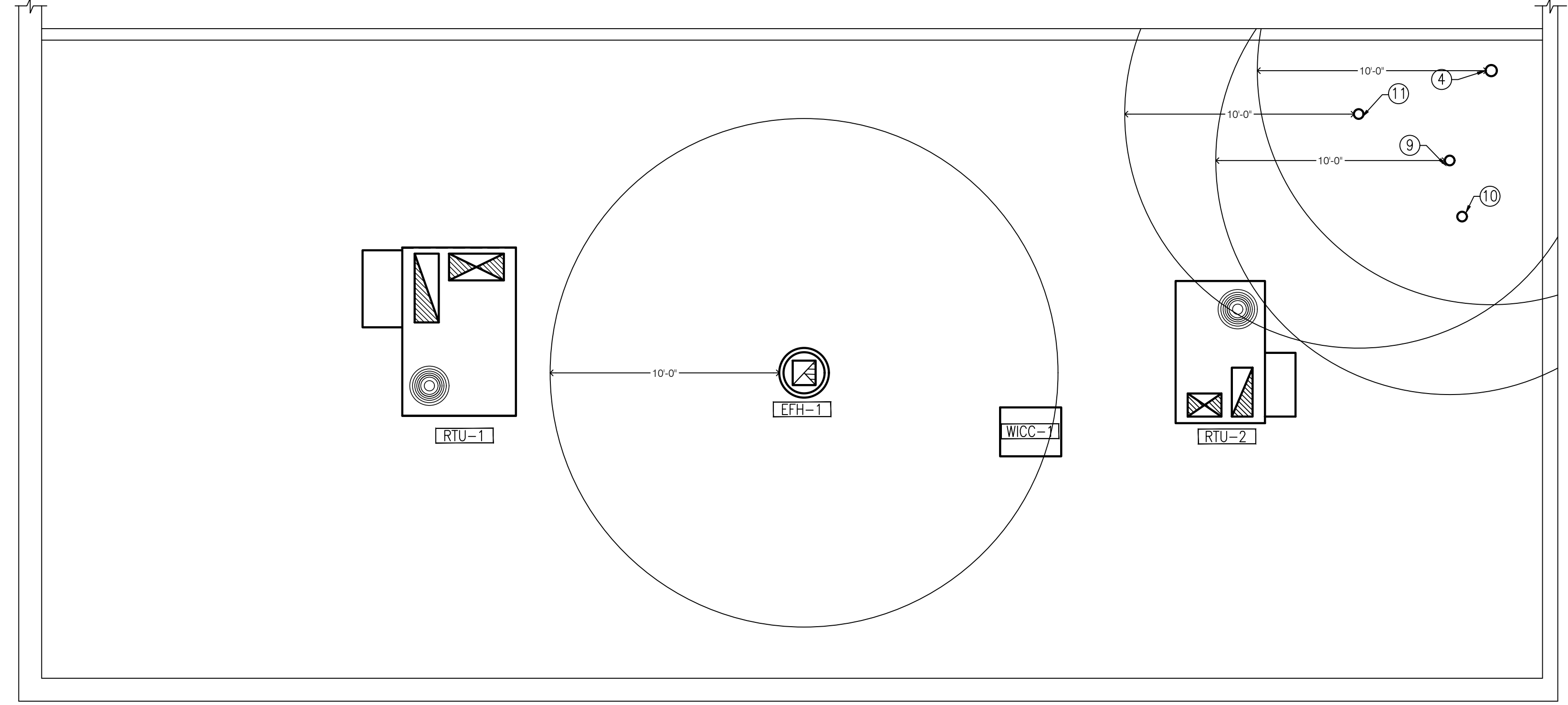
DUCT RUN-OUT SCHEDULE	
DUCT CFM	DUCT SIZE
0-150	6" ROUND
150-270	8" ROUND
270-330	10" ROUND
330-470	12" ROUND
470-530	14" ROUND
530-690	16" ROUND

NOTES:  
 1. AIR DEVICE NECK SIZE SHALL BE THE SAME AS RUNOUT SIZE.  
 2. RECTANGULAR DUCT SIZES OF EQUIVALENT FREE AREA MAY BE SUBSTITUTED FOR ROUND DUCT, RUNOUTS MAY BE RIGID OR FLEX DUCT PER SPECIFICATIONS.

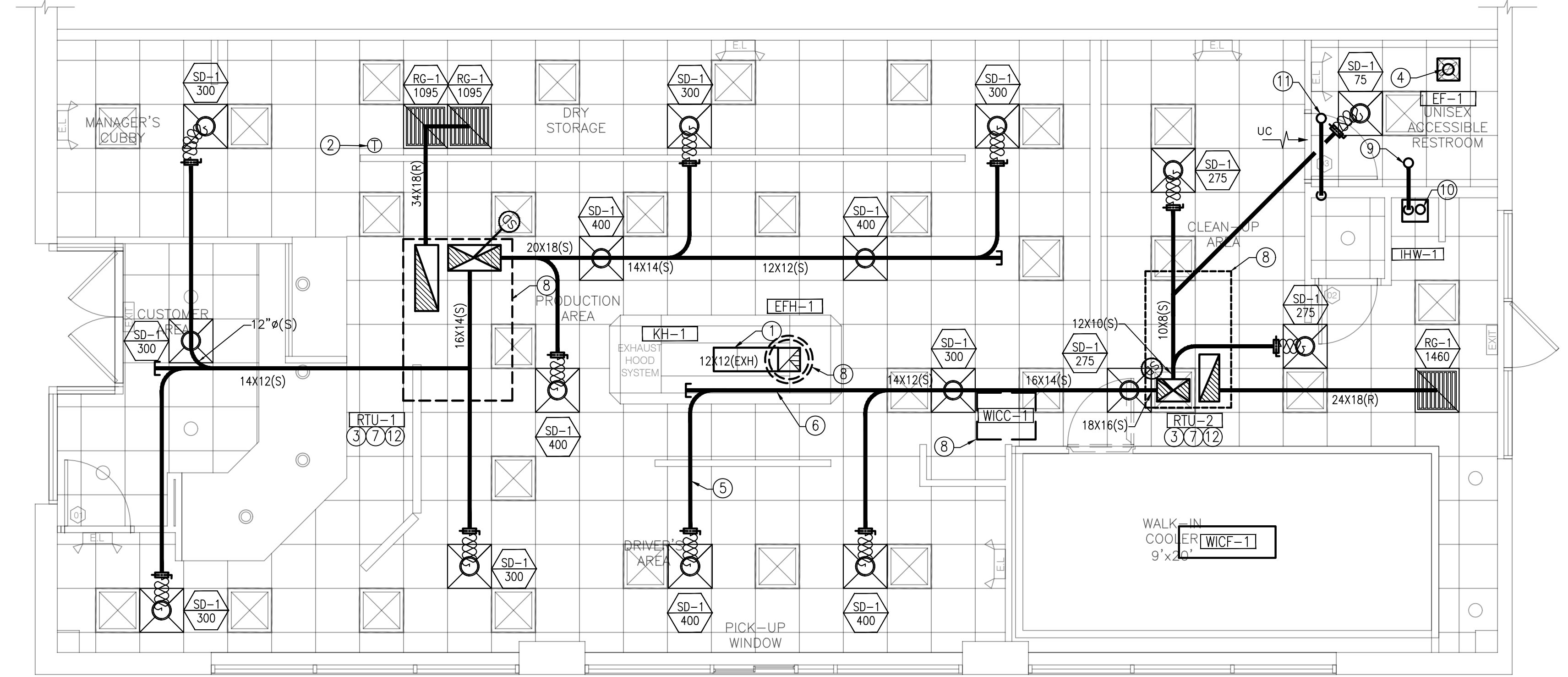
RETURN AIR DEVICE NECK SIZE	
NECK SIZE	CFM
6X6	0-100
8X8	100-200
10X10	200-400
12X12	400-650
15X15	650-1050
18X18	1050-1350
22X22	1350-2000

**HVAC KEYED NOTES:**

- DUCTWRAP TO BE F&I FOR DUCTWORK CONNECTED TO EXTERIOR EXHAUST FAN AS PER ASTM-E2336. RISER TO REDUCE AT FAN CONNECTION AS REQUIRED TO FIT DUCTWRAP. MAINTAIN 10 FEET MINIMUM CLEARANCE FROM ALL MA OR OA INTAKE DUCTS.
- T\*STAT FOR UNITS RTU-1, 2 WITH 24 HR, 7 DAYS PROGRAMMABLE THERMOSTATS AND 5 DEGREE DEADBAND TO BE INSTALLED AT 48" ABOVE THE FLOOR.
- TEMPERATURE SENSORS TO BE INSTALLED IN COMBINED RETURN/OUTSIDE AIR INTAKE.
- 6"Ø EXHAUST DUCT UP THRU ROOF. TERMINATE WITH FACTORY FABRICATED ROOF JACK. MAINTAIN 10 FEET MINIMUM CLEARANCE FROM ALL MA OR OA INTAKE DUCTS.
- BRANCHES TO BE FLEX DUCT OR RIGID DUCT (TYP). FLEX DUCT RUNS NOT TO EXCEED 5'.
- INTERIOR SUPPLY AND RETURN TRUNK DUCTS TO BE FIBERBOARD OR SHEET METAL (TYP).
- DUCT RISER TO BE FULL SIZE OF UNIT'S DUCT CONNECTION.
- OUTLINE OF EQUIPMENT ON ROOF.
- RUN FLUE VENT UP THRU ROOF. TERMINATE WITH FACTORY FABRICATED ROOF JACK. MANUFACTURER'S CONCENTRIC ROOF JACK FOR FLUE VENT/COMBUSTION AIR IS ACCEPTABLE. MAINTAIN 10 FEET MINIMUM CLEARANCE FROM ALL MA OR OA INTAKE DUCTS.
- RUN COMBUSTION AIR VENT UP THRU ROOF. SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR SIZE.
- RUN DRYER VENT UP THRU ROOF. TERMINATE WITH FACTORY FABRICATED ROOF JACK. SEE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR SIZE.
- F&I SMOKE DETECTOR INDICATOR LIGHT IN CEILING BELOW UNIT. LABEL INDICATOR LIGHT. (TYP.)



**MECHANICAL ROOF PLAN**  
SCALE: 1/4" = 1'-0"

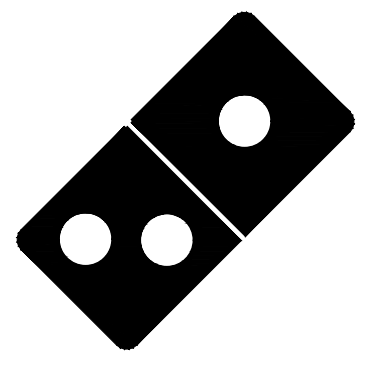
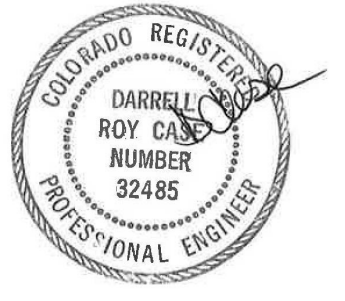


**MECHANICAL PLAN**  
SCALE: 1/4" = 1'-0"



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01.20.22



**Project No: 5510/ Store #6281**

Domino's Pizza Bakery Store  
 Pizza Theater Tenant Improvement  
 530 Malley Drive., Northglenn, CO 80233  
 Mountinside Pizza, Inc.  
 5313 Paylor Lane, 34240  
 Lakewood Ranch, FL 34240

310.505.6222

ISSUED FOR PERMIT:  
 12.23.2021

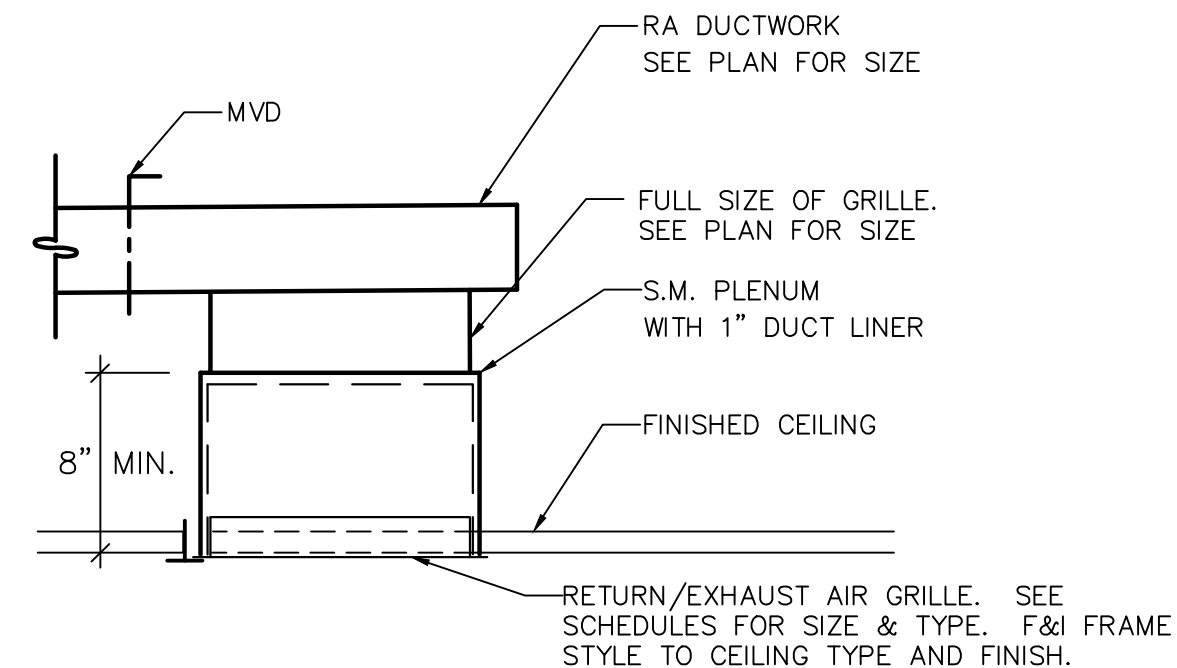
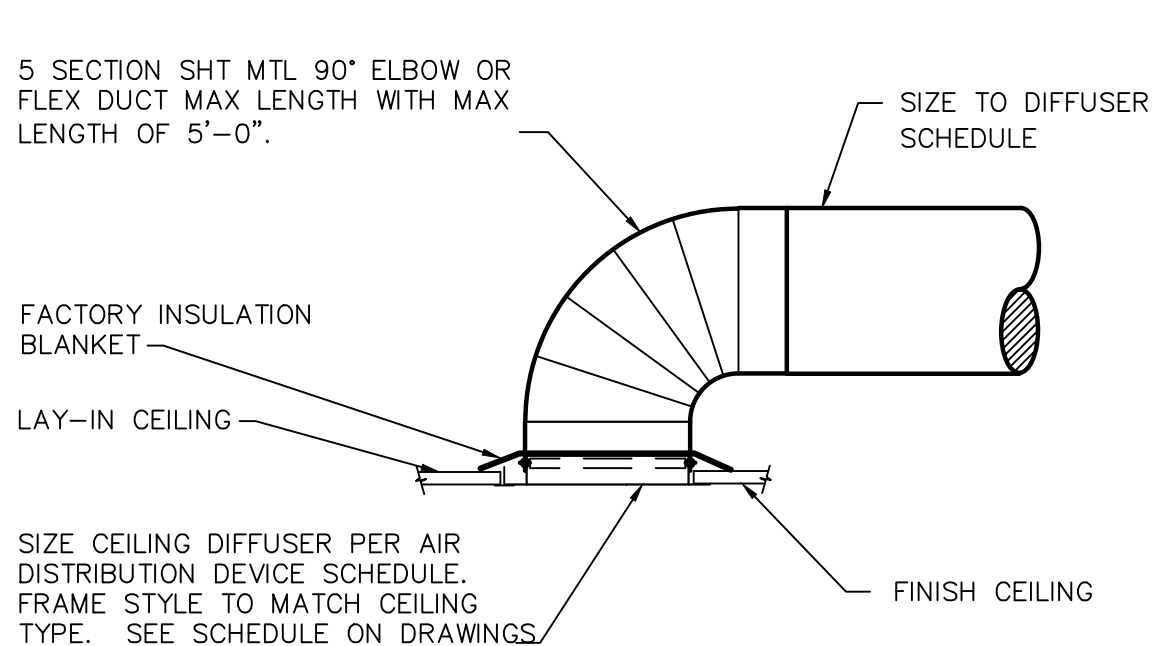
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SHEET NAME:  
 MECHANICAL PLAN

SHEET NUMBER:  
**M2.0**

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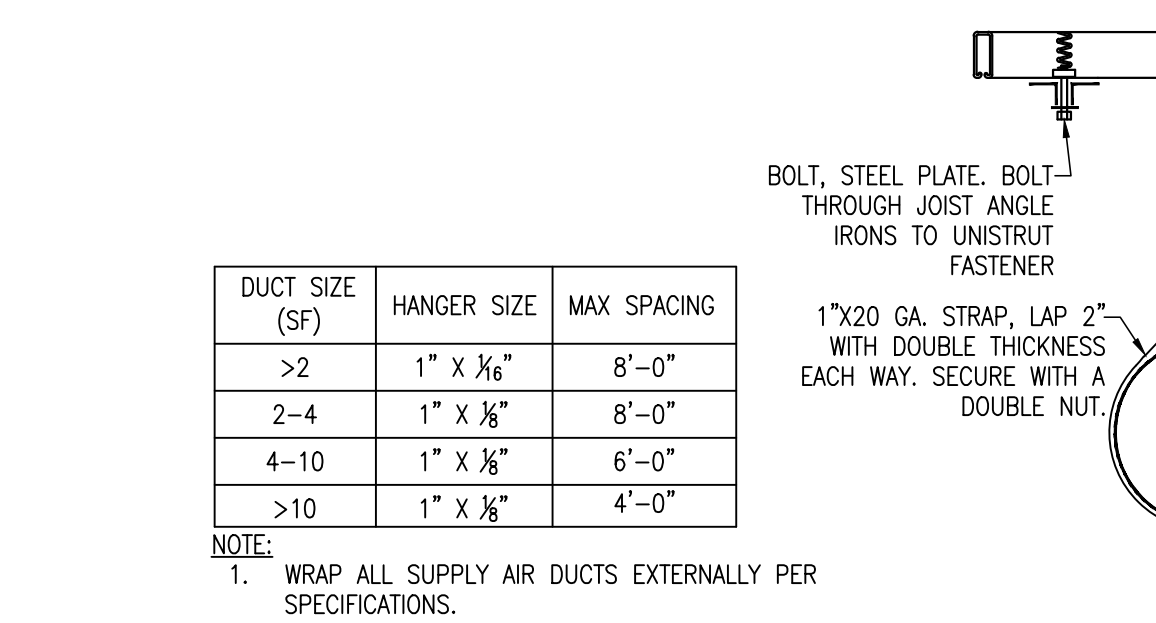


**DIFFUSER INSTALLATION DETAIL**

NO SCALE

**RETURN/EXHAUST AIR GRILLE DETAIL**

NO SCALE

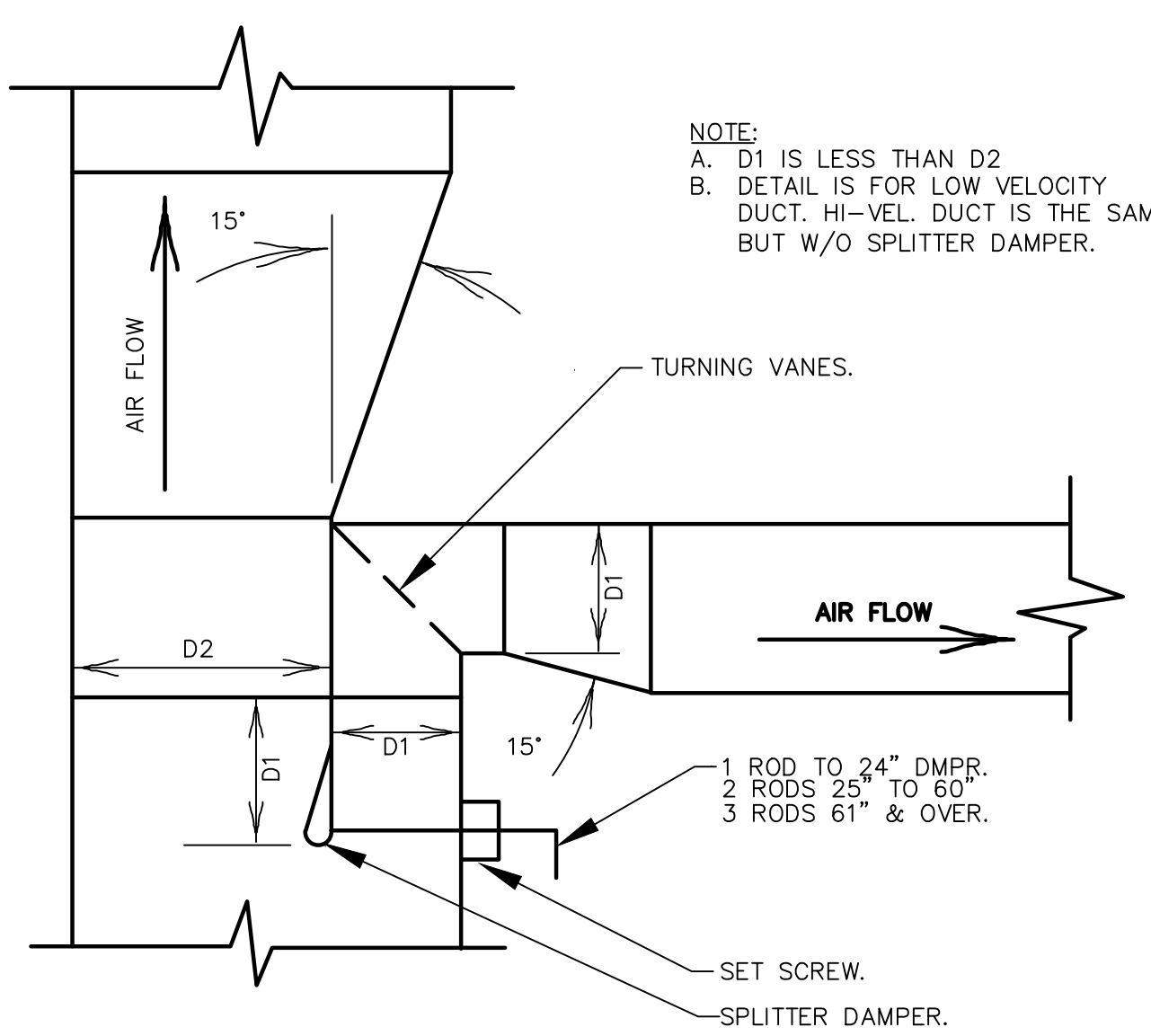


DUCT SIZE (SF)	HANGER SIZE	MAX SPACING
>2	1" x 1/8"	8'-0"
2-4	1" x 1/8"	8'-0"
4-10	1" x 1/8"	6'-0"
>10	1" x 1/8"	4'-0"

- NOTE:
- WRAP ALL SUPPLY AIR DUCTS EXTERNALLY PER SPECIFICATIONS.
  - NO POP RIVETS ALLOWED.

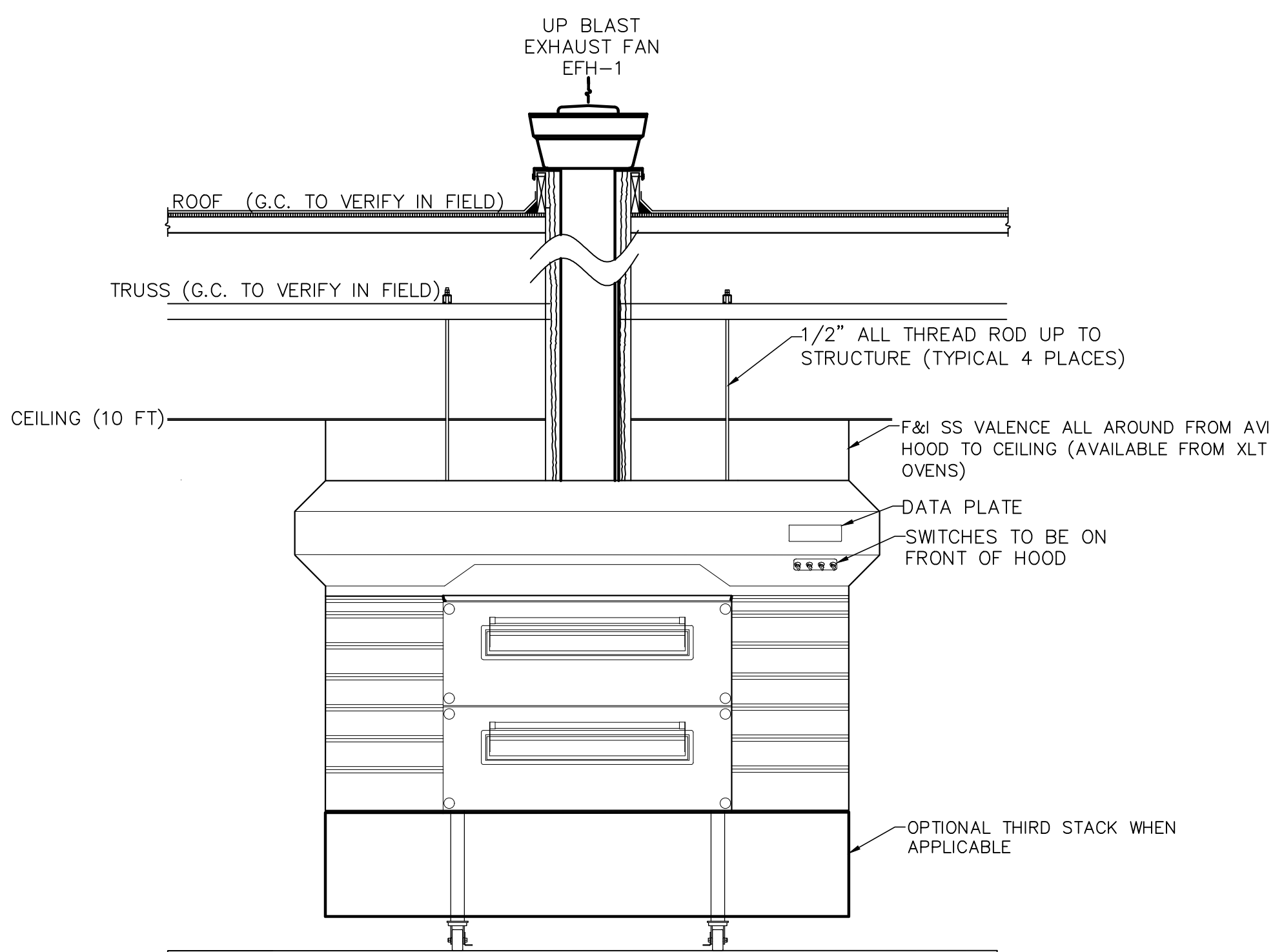
**DUCT HANGER DETAIL**

NO SCALE



**TYPICAL MAIN DUCT SPLITTER DAMPER TAKE-OFF DETAIL (SIMILAR FOR ROUND DUCTS)**

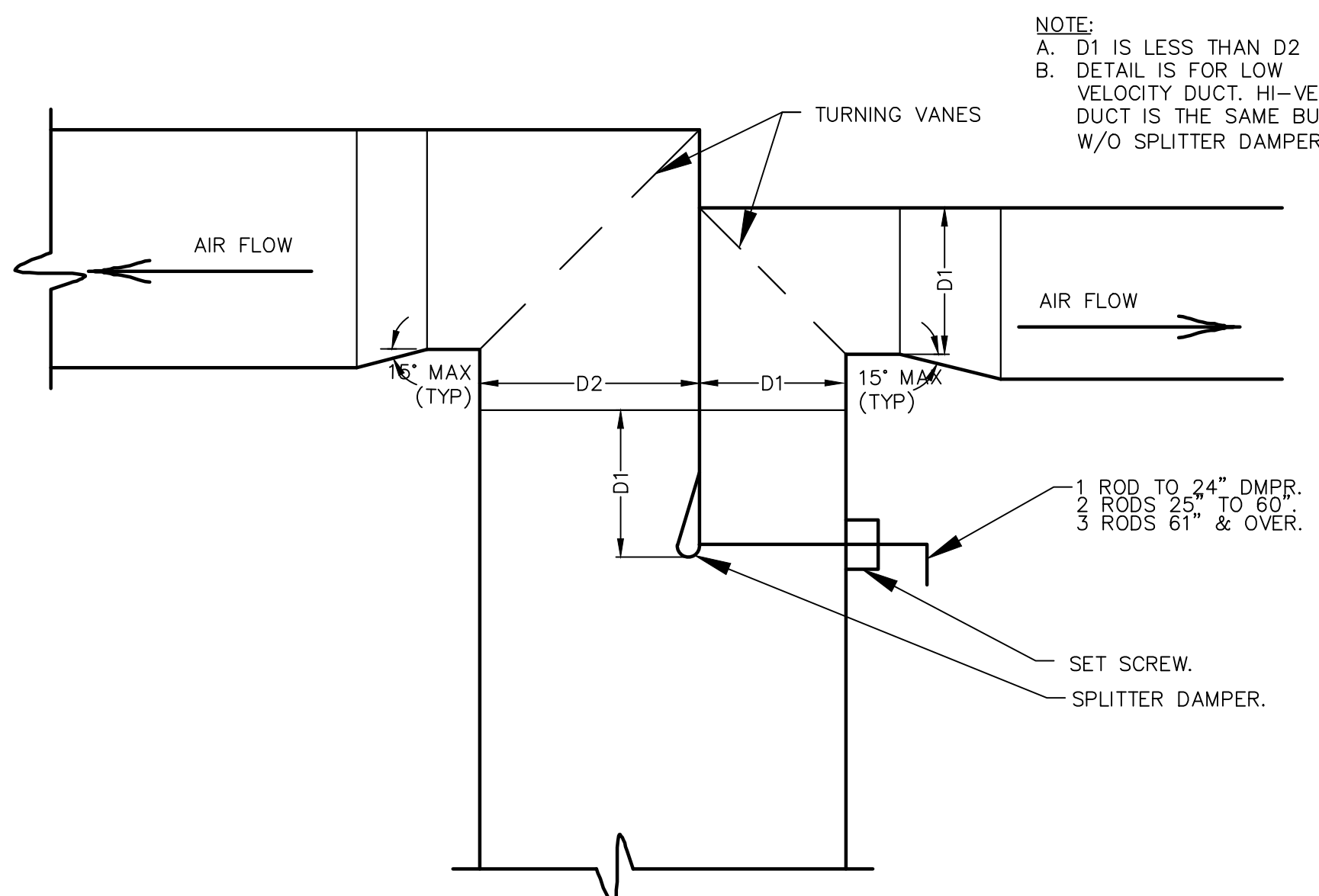
NO SCALE



NOTE: DETAIL IS DIAGRAMMATIC AND DOES NOT DENOTE THE NUMBER OF OVENS. SEE ARCHITECTURAL PLANS FOR NUMBER OF OVENS.

**HOOD CLEARANCES AND DUCTS DETAIL**

NO SCALE



**TYPICAL DUCT SPLITTER DAMPER DETAIL (SIMILAR FOR ROUND DUCTS)**

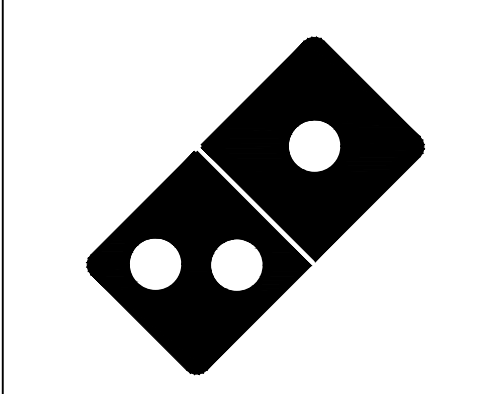
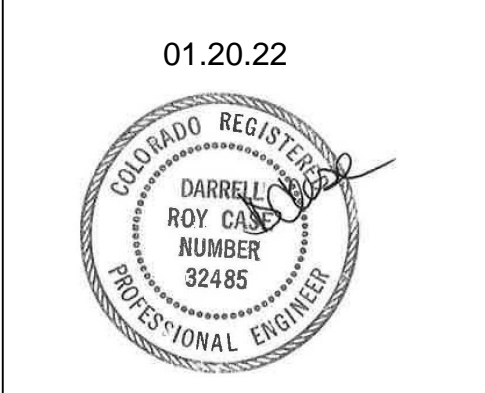
NO SCALE

**TYPE I HOOD SEQUENCE OF OPERATIONS:**

- AIR CONDITIONING UNITS (ACU)
  - ALL AIR CONDITIONING UNITS, ROOF TOP (RTU), AND SPLIT SYSTEM CONDENSER UNITS (CU) AND AIR HANDLING UNITS (AHU), SHALL BE CONTROLLED BY A PROGRAMMABLE 24/7 SMART THERMOSTAT DEVICE.
    - DEVICE TO HAVE A 100 F (ADJ) DEADBAND, PROGRAMMABLE START AND STOP TIMES, 3-POSITION ON/OFF/AUTO SELECTOR SWITCH AND A 2 HOUR MANUAL OVERRIDE.
- SUPPLY FANS (RTU & AHU)
  - EACH UNIT'S SUPPLY AIR FANS ARE ENERGIZED AND THE OUTSIDE AIR (OA) DAMPERS MODULATE TO POSITION TO ADEQUATELY PRESSURIZE BUILDING.
  - UNIT'S TEMPERATURE SENSOR, LOCATED IN THE RETURN AIR (RA) DUCT MONITORS THE MIXED (MA), RA & OA TEMPERATURE. IF THE ROOM TEMPERATURE IS NOT WITHIN 100F DEGREES OF ROOM TEMPERATURE SET POINTS, UNIT WILL GO INTO HEATING OR COOLING MODE TO MEET THE DESIRED TEMPERATURE SET POINTS.
  - EACH UNIT'S FAN WILL CONTINUE TO RUN FOR 2 MINUTES (ADJ) AFTER THE HEATING OR COOLING ROOM TEMPERATURE SET POINT IS MET.
  - COOLING MODE:
    - COMPRESSOR WILL BE ENERGIZED TO COOL THE AIR TO ROOM AIR TEMPERATURE.
    - COMPRESSOR (S) WILL SHUT OFF WHEN MECHANICAL COOLING IS NO LONGER NEEDED.
  - HEATING MODE:
    - HEATING CONTROLS WILL ENERGIZE GAS BURNER IN FIRST STAGE AND IF NECESSARY TO SECOND STAGE HEATING TO BRING AIR TEMPERATURE UP TO THE HEATING ROOM TEMPERATURE SET POINT.
    - IF GAS HEATING IS NO LONGER NECESSARY, GAS BURNERS WILL SHUT OFF.
- MIXED AIR TEMPERATURE IS WITHIN 10°F DEGREES OF ROOM TEMPERATURE:
  - COMPRESSOR IS NOT ENERGIZED
  - GAS BURNERS ARE NOT ENERGIZED.
- UNIT OPERATES IN THE ECONOMIZER MODE.
  - ECONOMIZER MODE: WHEN OUTDOOR WEATHER CONDITIONS, AS SENSED BY UNIT MOUNTED CONTROLS, ARE BELOW ITS SETTING, AND FREE COOLING IS AVAILABLE, ECONOMIZER MODE SHALL BE ENABLED AND DAMPERS SHALL POSITION TO ENABLE 100% OA ENTERING THE BUILDING. EA DAMPERS TO MODULATE TO EXHAUST THE OA NOT BEING EXHAUSTED BY THE EXHAUST FANS (EFH-1 & EF-X).
    - WHEN THE OA SET-POINT IS BELOW 55°F (ADJ.), THE MECHANICAL COOLING SHALL BE DISABLED. THE ECONOMIZER CONTROL SHALL RESET OA DAMPERS TO THE MINIMUM RUN OA INTAKE POSITION AND ENERGIZE THE MECHANICAL COOLING WHEN THE OA SET POINT IS EXCEEDED.
    - ADDITIONAL HIGH LIMIT SHUT OFF CONTROLS BELOW.
      - OA TEMPERATURE > 75°F
      - OA TEMPERATURE > RA TEMPERATURE
      - (OA TEMPERATURE, OA RELATIVE HUMIDITY)>AIR
      - OA HUMIDITY > RA HUMIDITY
      - OA DEW POINT > 55°F
      - OA TEMPERATURE > 75°F
      - NO FIXED ENTHALPY CONTROL.
- EXHAUST FANS
  - REST ROOM EXHAUST FANS (EF) ARE TO BE STARTED BY AN OCCUPANCY SENSOR. WHEN THE OCCUPANT VACATES THE ROOM, THE FAN WILL REMAIN RUNNING FOR A MINIMUM OF 10 MINUTES (ADJ).
- EXHAUST HOOD EXHAUST FAN (EFH-1)
  - GAS OVEN IS MANUALLY STARTED.
  - EXHAUST FAN EFH-1 AUTOMATICALLY ENERGIZES AND STARTS RUNNING.
  - ONCE EFH-1 IS UP TO SPEED, APPROXIMATELY 5 SECONDS (ADJ), THE SUPPLY AIR UNIT (SAU) INTRODUCING THE LARGEST AMOUNT OF OUTSIDE AIR (OA) INTO THE BUILDING STARTS.
    - ROOF TOP UNITS (RTU), AIR HANDLING UNITS (AHU) AND / OR MAKE-UP AIR UNITS (MAU) ARE CONSIDERED AS SUPPLY AIR UNITS (SAU).
    - IF THERE IS A DEDICATED MAKE-UP AIR UNIT PROVIDING OA TO A SELF-COMPENSATING HOODS, THIS UNIT SHALL BE THE FIRST UNIT STARTED.
  - AFTER A 5 SECOND (ADJ) INTERVAL, THE SAU BRING IN THE NEXT LARGEST AMOUNT OF OA INTO THE BUILDING STARTS.
  - THIS PROCESS CONTINUES UNTIL ALL OF THE SAU'S HAVE BEEN STARTED.
- WHEN GAS OVEN IS TURNED OFF:
  - ANY DEDICATED MAKE-UP AIR UNIT STOPS.
  - ON ALL SUPPLY AIR FANS OA DAMPERS CLOSE TO MINIMUM ALLOWED OA POSITION AND THE EA DAMPER IS SET TO ALLOW SLIGHT BUILDING PRESSURIZATION.
- UNOCCUPIED MODE:
  - VENTILATION AND ECONOMIZER DAMPERS BECOME FULLY CLOSED.
  - THERMOSTAT SENDS SIGNAL TO UNITS TO OPERATE IN SETBACK MODE UNTIL NEXT OCCUPIED MODE CYCLE PER THERMOSTAT PROGRAMMING.
  - DURING HEATING SEASON, THE UNITS TO BE EQUIPPED WITH CONTROLS TO AUTOMATICALLY RESTART AND TEMPORARILY OPERATE TO MAINTAIN A TEMPERATURE ABOVE 55°F.
  - DURING COOLING SEASON, THE UNITS TO BE EQUIPPED WITH CONTROLS TO AUTOMATICALLY RESTART AND TEMPORARILY OPERATE TO MAINTAIN A TEMPERATURE BELOW 85°F.
  - UNITS SHALL BE SEQUENCED TO MAINTAIN SPACE TEMPERATURE AS FOLLOWS:
    - THE LARGEST TONNAGE UNIT, OR AS THE SEQUENCE NUMBER IN THE AIR CONDITIONING UNIT SCHEDULE INDICATES, SHALL RUN TO MAINTAIN THE SPACE SETBACK TEMPERATURE.
    - IF THE SPACE TEMPERATURE IS MEASURED AS 30°F ABOVE THE COOLING OR 30°F BELOW THE HEATING SETBACK TEMPERATURE, OR AS THE SEQUENCE NUMBER IN THE AIR CONDITIONING UNIT SCHEDULE INDICATES, SHALL START TO MAINTAIN THE SPACE SETBACK TEMPERATURE. WHEN THE TEMPERATURE DROPS TO 20°F BELOW THE SETBACK TEMPERATURE IN COOLING MODE OR ABOVE SETBACK TEMPERATURE IN HEATING MODE, THE SECOND UNIT SHALL TURN OFF.
- AIR CONDITIONING UNIT MANUAL OVERRIDE MODE:
  - VENTILATION AND ECONOMIZER DAMPERS BECOME POSITIONED AT THE MINIMUM OA SETTING.
  - THERMOSTAT SENDS SIGNAL TO UNIT TO OPERATE IN NORMAL MODE.
  - MANUAL OVERRIDE TIMER TO BE SET FOR A PERIOD OF 2 HOURS (ADJ.).
- EXHAUST HOOD FIRE SUPPRESSION SYSTEM:
  - WHEN THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM IS ACTIVATED FANS IN ALL UNITS BRINGING OA INTO THE SPACE SHALL BE SHUT DOWN.
  - EFH-1 IS FORCED ON TO FULL SPEED.
- SMOKE DETECTORS
  - IF A FIRE ALARM SYSTEM IS PRESENT IN THE BUILDING, SMOKE DETECTORS TO NOTIFY FIRE ALARM SYSTEM IN THE EVENT OF SMOKE BEING DETECTED.
  - NON-EMERGENCY OPERATION:
    - THERMOSTATS, COMPRESSOR AND FANS RUN AS NORMAL.
  - SMOKE DETECTED IN SUPPLY OR RETURN:
    - SMOKE DETECTOR GENERATE VISIBLE ALERT SIGNALS.
    - SMOKE DETECTOR SENDS SIGNAL TO HVAC SYSTEM TO SHUT OFF.
    - AIR CONDITIONING AND MAKE-UP AIR UNITS TO HAVE FANS AND COMPRESSORS DE-ENERGIZE.



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 Domino's Pizza Bakery Store  
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 640 Malley Drive., Northglenn, CO 80233  
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ISSUED FOR PERMIT:  
12.15.2021

REV:	DATE:	DESCRIPTION:

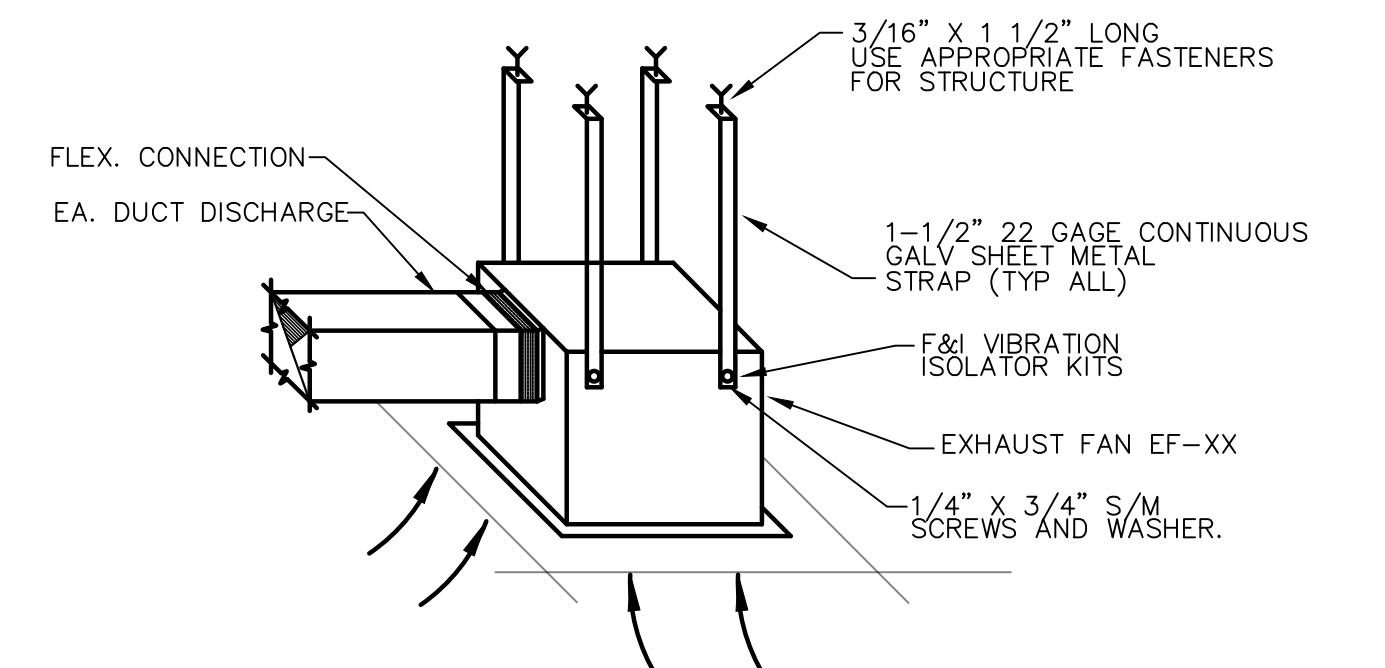
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**MECHANICAL DETAILS AND SEQUENCE OF OPERATIONS**

SHEET NUMBER:  
**M3.0**

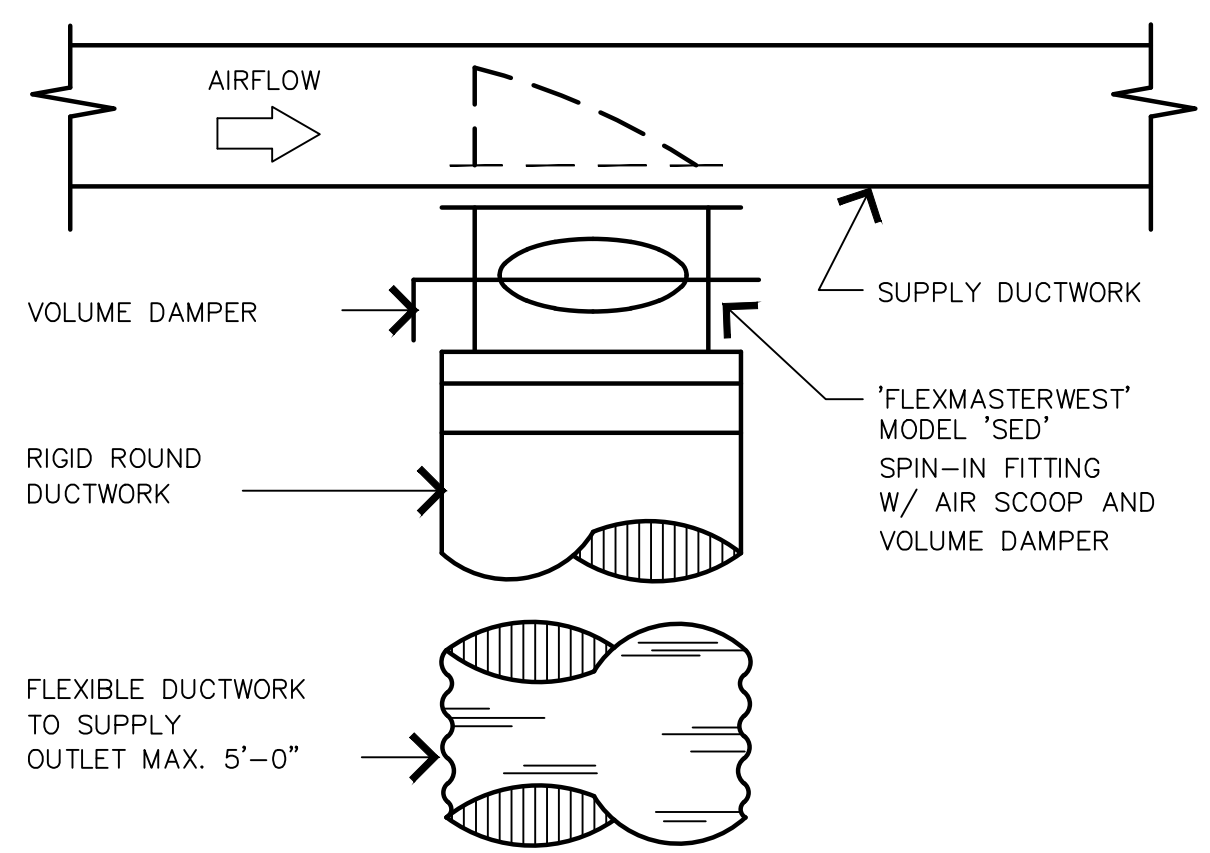


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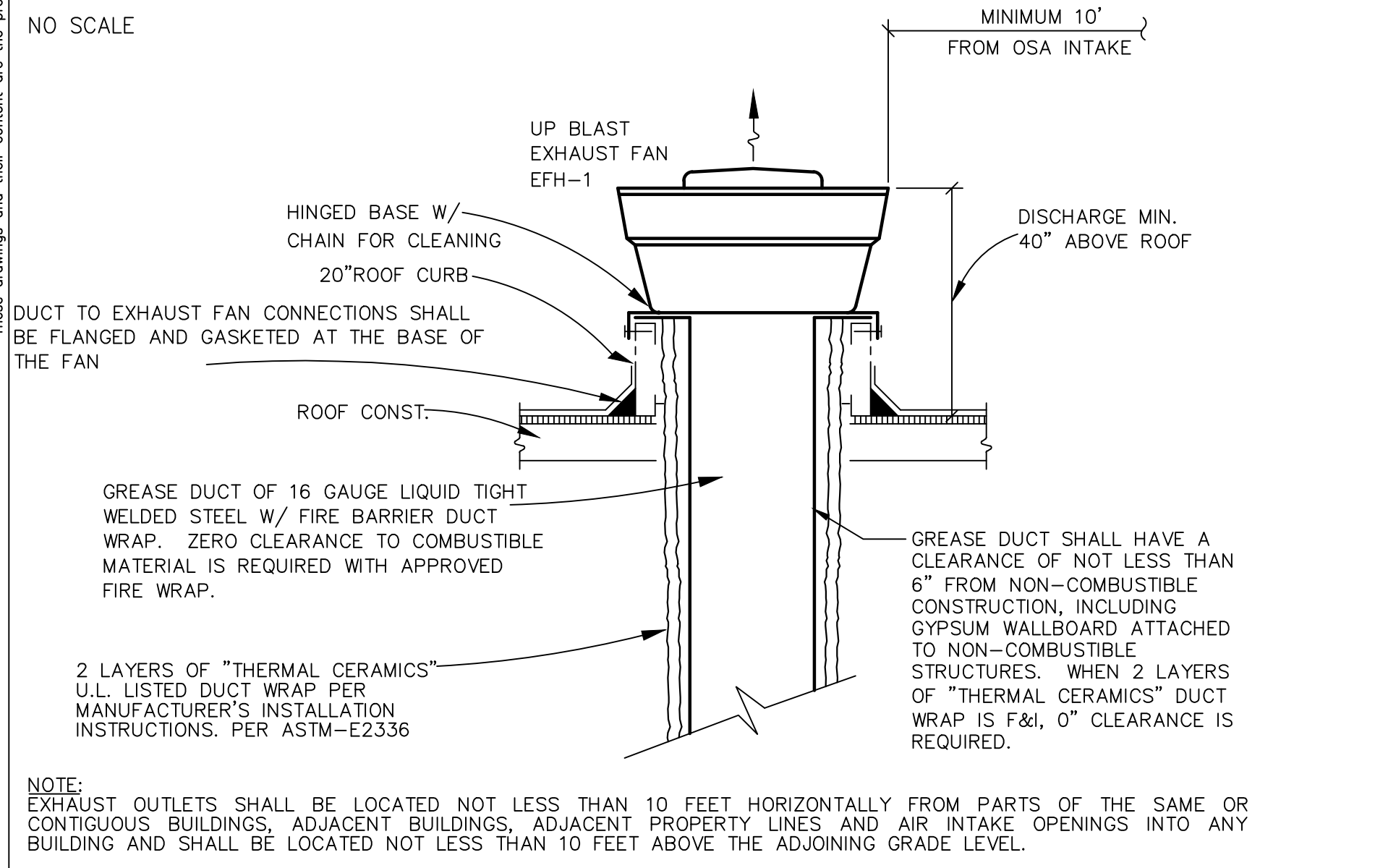
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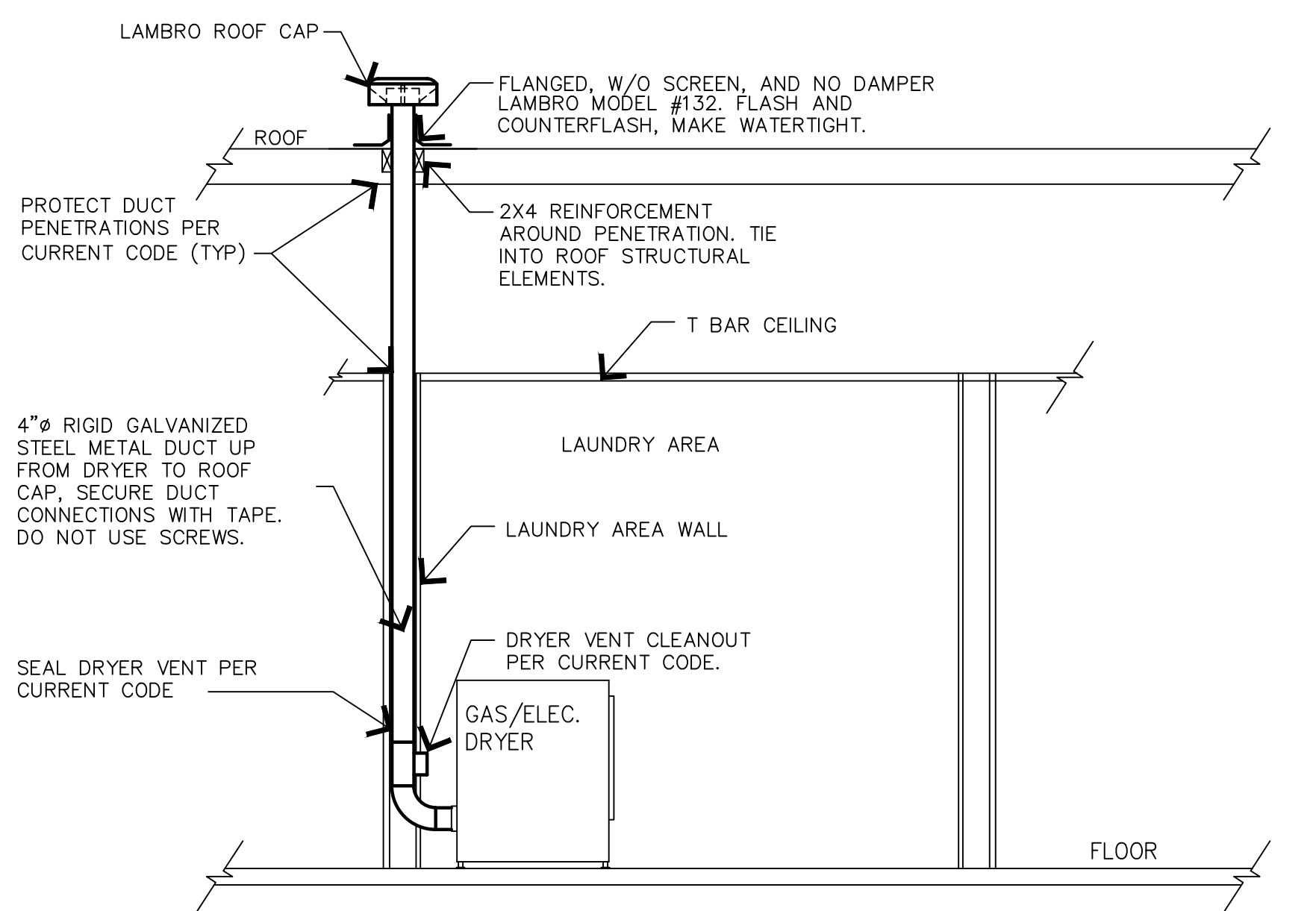
**RESTROOM FAN INSTALLATION DETAIL**  
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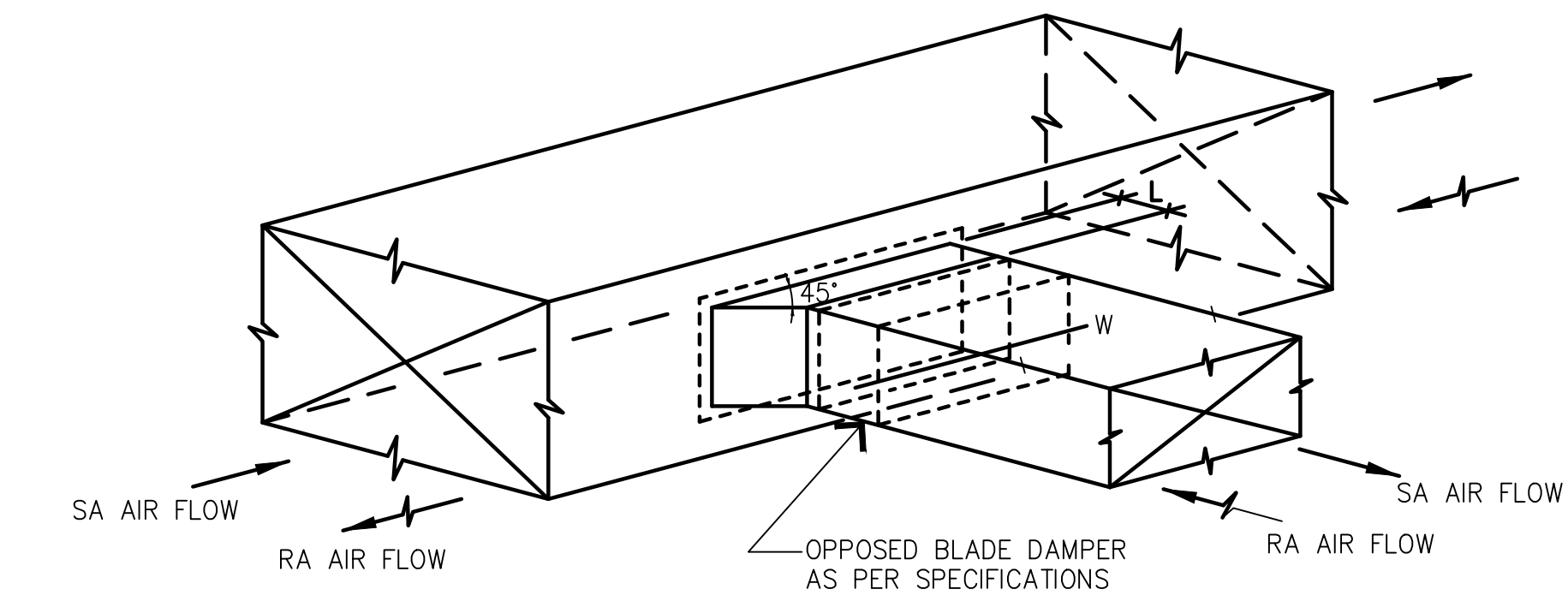
**BRANCH DUCT TAKE-OFF DETAIL**



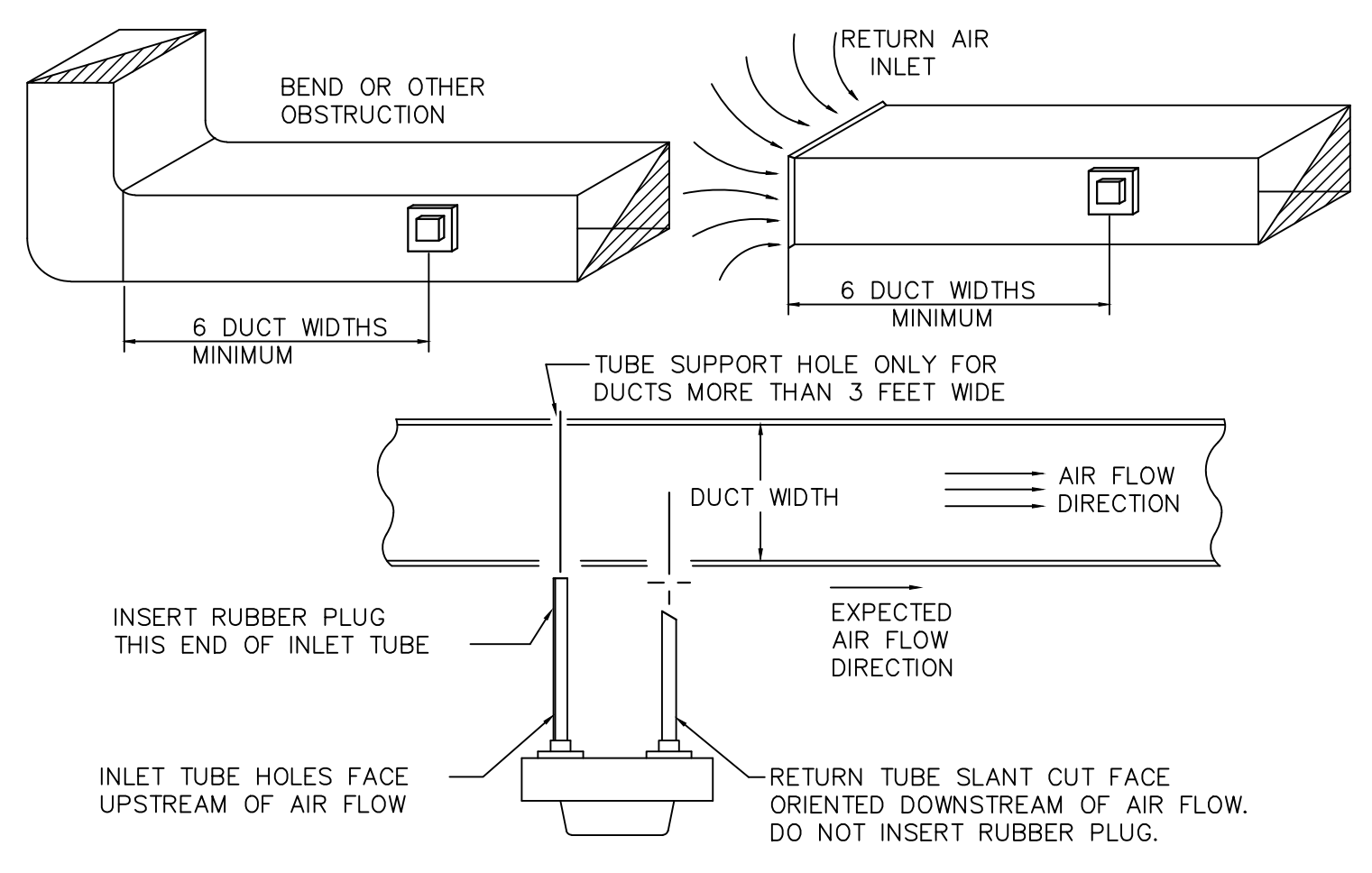
**EXHAUST FAN DETAIL**  
NO SCALE



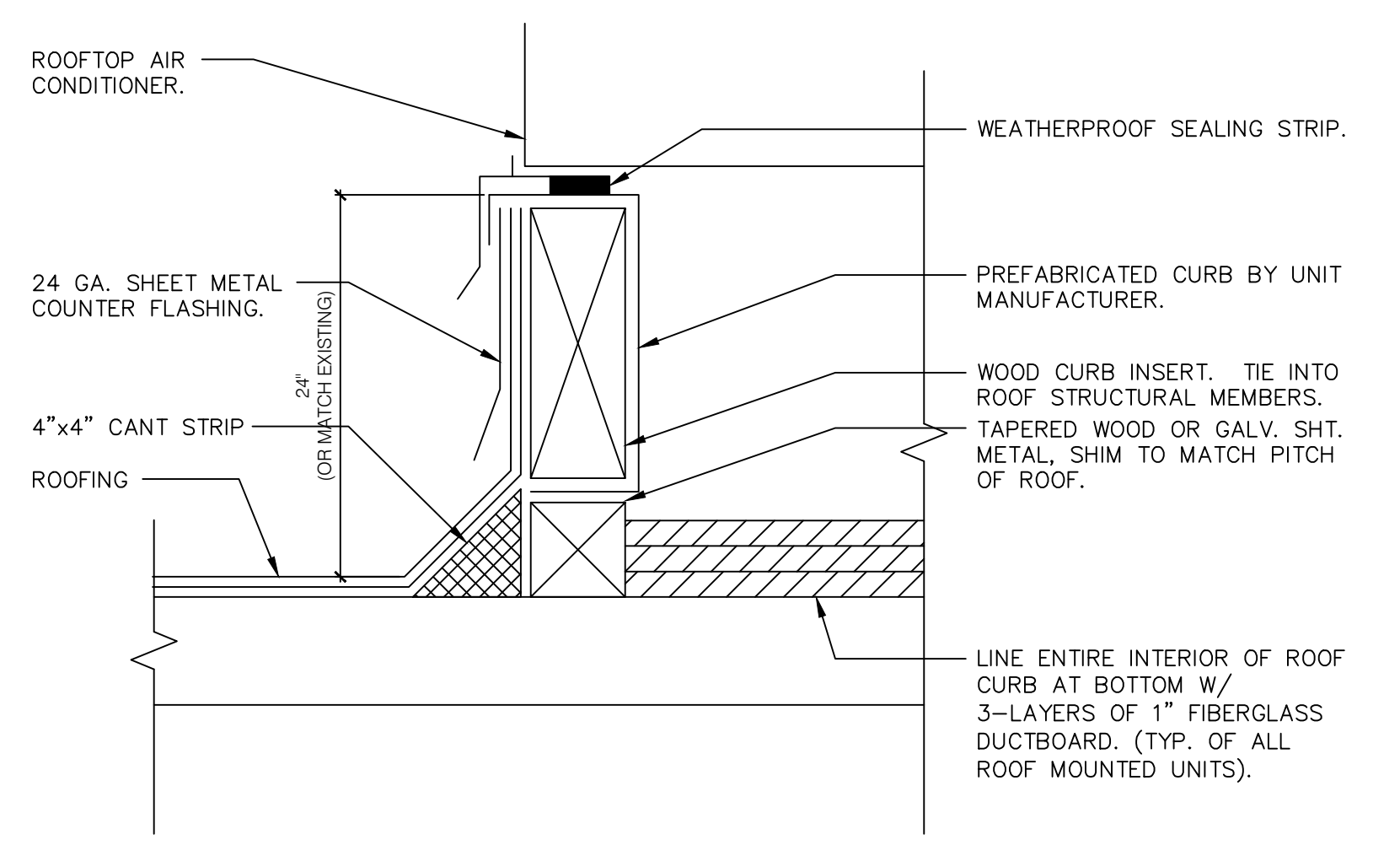
**DRYER VENT DETAIL**  
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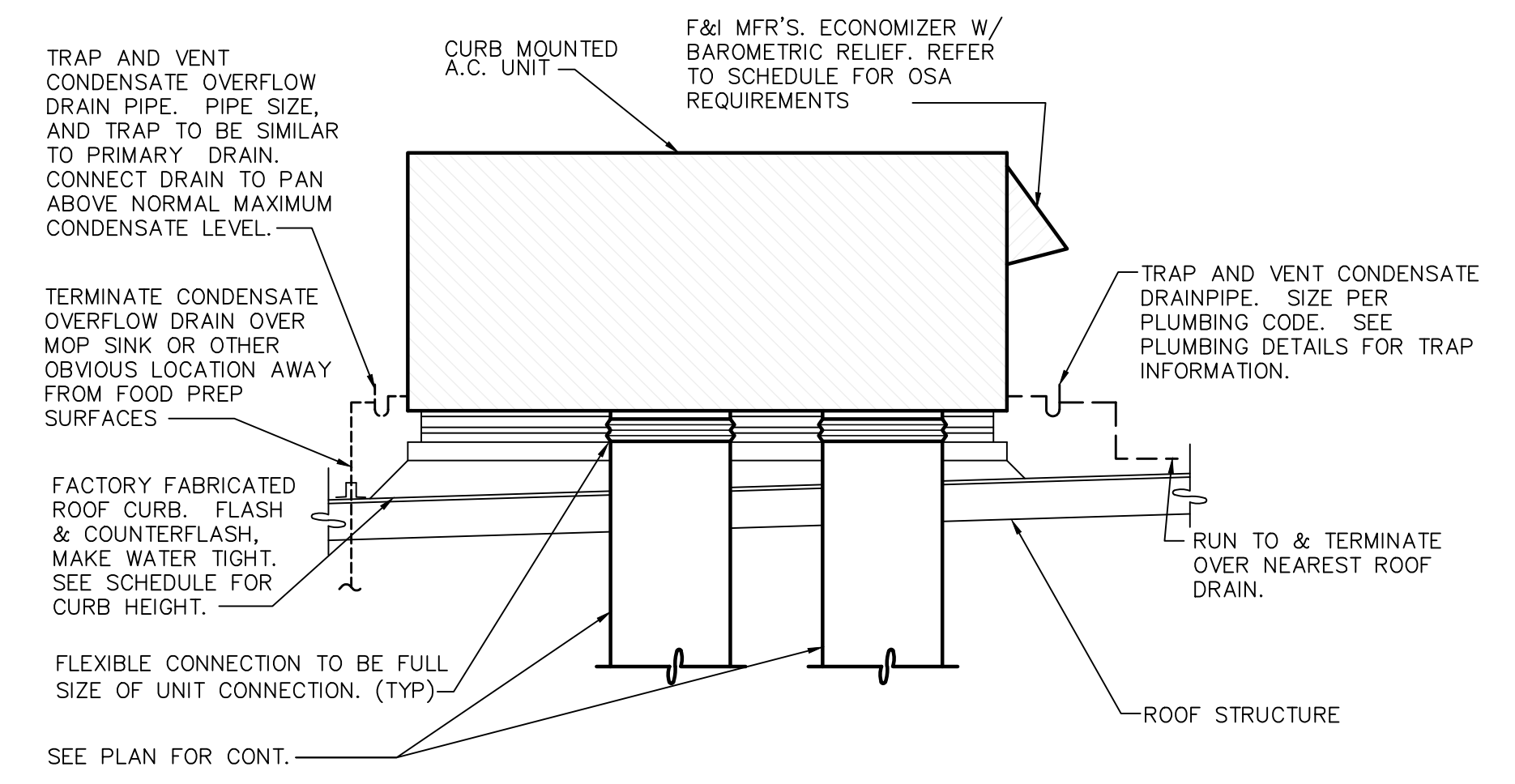
**BRANCH DUCT TAKE-OFF & DAMPER DETAIL**  
NO SCALE



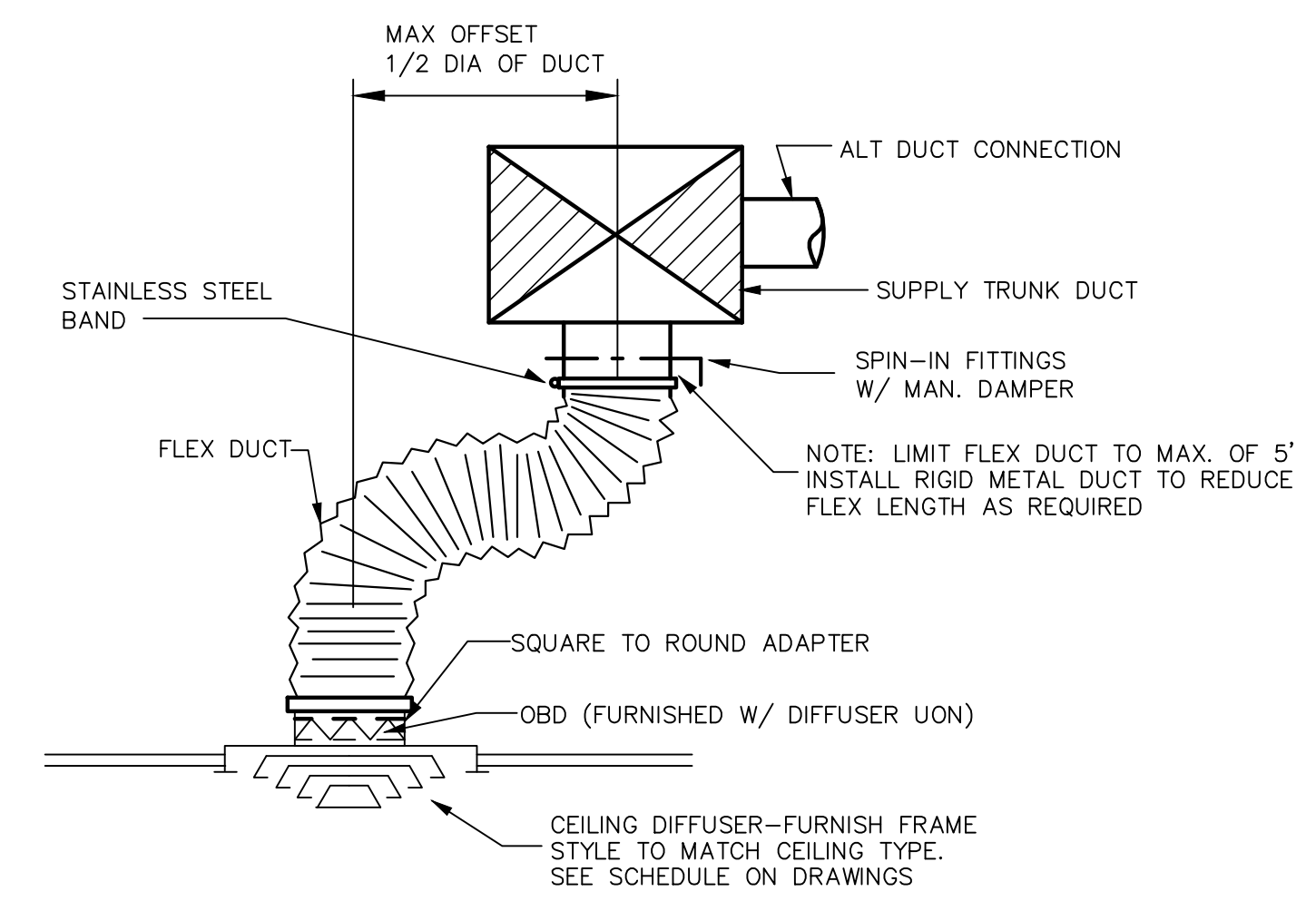
**TYPICAL DUCT DETECTOR INSTALLATION**  
NOT TO SCALE



**CURB INSTALLATION DETAIL**  
NOT TO SCALE



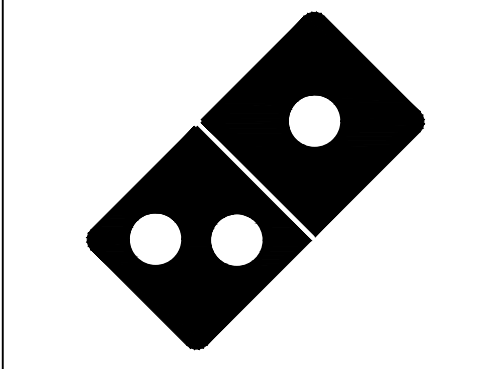
**ROOF MOUNTED A.C. UNIT DETAIL**  
NO SCALE



**TYP. DUCT CONNECTION**  
NO SCALE



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**Project No: 5510/ Store #6281**  
Domino's Pizza Bakery Store  
Pizza Theater Tenant Improvement  
640 Malley Drive., Northglenn, CO 80233  
Mountainside Pizza, Inc.  
5313 Paylor Lane, 34240  
Lakewood Ranch, FL 34240  
310.505.6222

ISSUED FOR PERMIT:  
12.15.2021

REV:	DATE:	DESCRIPTION:

SHEET NUMBER:  
**M4.0**

MECHANICAL DETAILS

## COMcheck Software Version 4.1.5.3 Mechanical Compliance Certificate

**Project Information**  
Energy Code: 2018 IECC  
Project Title: Domino's T.I.  
Location: Northglenn, Colorado  
Climate Zone: 8  
Project Type: Alteration  
  
Design/Contractor:  
Brent Hamill  
4915 Palmyra Blvd  
Northglenn, CO 80233  
310.505.6222**Mechanical Systems List****Quality System Type & Description**  
1 HVAC System 1 (Single Zone)  
Heating: 1 each - Central Furnace, Gas, Capacity = 140 MBtu/h  
Proposed Efficiency = 93.0% EI, Required Efficiency = 80.0% EI or 80% AFUE  
Cooling: 1 each - Single Package DX Unit, Capacity = 37 MBtu/h, Air-Cooled Condenser, Air Economizer  
Proposed Efficiency = 11.0 EER, Required Efficiency = 11.0 EER + 1.0 EER  
Fan System: FAN SYSTEM 1 - Compliance (Motor nameplate HP method) - Passes  
Fans:  
FAN 1 Supply, Constant Volume, 3000 CFM, 3.0 motor nameplate hp, 87.0 fan efficiency grade1 HVAC System 2 (Single Zone)  
Heating: 1 each - Central Furnace, Gas, Capacity = 115 MBtu/h  
Proposed Efficiency = 93.0% EI, Required Efficiency = 80.0% EI or 80% AFUE  
Cooling: 1 each - Single Package DX Unit, Capacity = 37 MBtu/h, Air-Cooled Condenser, Air Economizer  
Proposed Efficiency = 14.0 EER, Required Efficiency = 14.0 EER  
Fan System: FAN SYSTEM 2 - Compliance (Motor nameplate HP method) - Passes  
Fans:  
FAN 2 Supply, Constant Volume, 2000 CFM, 2.0 motor nameplate hp, 89.0 fan efficiency grade1 Water Heater 1  
Gas Instantaneous Water Heater, Capacity: 9 gallons, Input Rating: 199 MBtu/h w/ Circulation Pump  
No minimum efficiency requirement applies**Mechanical Compliance Statement**

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2018 IECC requirements in COMcheck version 4.1.5.3 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name: Title: Signature: Date:

Project Title: Domino's T.I.  
Data Filename: S:\2 PROJECT FILES\5500\5510\Brent Hamill\_Northglenn\_CO\_New\_Store\_CDDID-MEP\CA051010.csk  
Report date: 01/20/22  
Page 1 of 12

## COMcheck Software Version 4.1.5.3 Inspection Checklist

**Requirements** 100.0% were addressed directly in the COMcheck software. Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is determined in a separate table, a reference to that table is provided.

Section # & Req ID	Plan Review	Complies?	Comments/Assumptions
C102.3 (R127)	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the service water heating systems and equipment and document where exceptions to the standard are claimed. Load standards are based on manufacturer's engineering standards and standards.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

C102.3 (R127)	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the service water heating systems and equipment and document where exceptions to the standard are claimed. Load standards are based on manufacturer's engineering standards and standards.	<input checked="" type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
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**Additional Comments/Assumptions:**

1 High Impact (Tier 1)   2 Medium Impact (Tier 2)   3 Low Impact (Tier 3)

Project Title: Domino's T.I.  
Data Filename: S:\2 PROJECT FILES\5500\5510\Brent Hamill\_Northglenn\_CO\_New\_Store\_CDDID-MEP\CA051010.csk  
Report date: 01/20/22  
Page 2 of 12**Section # & Req ID**

Section # & Req ID	Footings / Foundation Inspection	Complies?	Comments/Assumptions
C403.2.2 (D09)	Snow/ice melting system and freeze protection systems have sensors and controls designed to limit surface to pavement temperature and outdoor temperature. Future condition controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1)   2 Medium Impact (Tier 2)   3 Low Impact (Tier 3)

Project Title: Domino's T.I.  
Data Filename: S:\2 PROJECT FILES\5500\5510\Brent Hamill\_Northglenn\_CO\_New\_Store\_CDDID-MEP\CA051010.csk  
Report date: 01/20/22  
Page 3 of 12**Section # & Req ID**

Section # & Req ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
C404.5 (C404.5.1, C404.5.2, P145)	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1)   2 Medium Impact (Tier 2)   3 Low Impact (Tier 3)

Project Title: Domino's T.I.  
Data Filename: S:\2 PROJECT FILES\5500\5510\Brent Hamill\_Northglenn\_CO\_New\_Store\_CDDID-MEP\CA051010.csk  
Report date: 01/20/22  
Page 4 of 12**Section # & Req ID**

Section # & Req ID	Final Inspection	Complies?	Comments/Assumptions
C303.1 (F407)	Furnished O&M manuals for HVAC systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1)   2 Medium Impact (Tier 2)   3 Low Impact (Tier 3)

Project Title: Domino's T.I.  
Data Filename: S:\2 PROJECT FILES\5500\5510\Brent Hamill\_Northglenn\_CO\_New\_Store\_CDDID-MEP\CA051010.csk  
Report date: 01/20/22  
Page 5 of 12**Section # & Req ID**

Section # & Req ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.2.1 (ME141)	Thermal ineffective panel surfaces of sensible heating grates have insulation $\geq$ R-3.5.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.

1 High Impact (Tier 1)   2 Medium Impact (Tier 2)   3 Low Impact (Tier 3)

Project Title: Domino's T.I.  
Data Filename: S:\2 PROJECT FILES\5500\5510\Brent Hamill\_Northglenn\_CO\_New\_Store\_CDDID-MEP\CA051010.csk  
Report date: 01/20/22  
Page 1 of 12**Section # & Req ID**

Section # & Req ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.2 (ME139)	Intended parking garage ventilation has automatic contaminant detection and capacity to purge or recirculate fans to 50% or less of design capacity.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.

1 High Impact (Tier 1)   2 Medium Impact (Tier 2)   3 Low Impact (Tier 3)

Project Title: Domino's T.I.  
Data Filename: S:\2 PROJECT FILES\5500\5510\Brent Hamill\_Northglenn\_CO\_New\_Store\_CDDID-MEP\CA051010.csk  
Report date: 01/20/22  
Page 2 of 12**Section # & Req ID**

Section # & Req ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.5.3 (ME124)	Return, exhaust/return and outdoor air dampers used in economizers have motorized dampers that automatically shut when not in use and meet maximum leakage rates. Reference section C403.7.7 for details.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

1 High Impact (Tier 1)   2 Medium Impact (Tier 2)   3 Low Impact (Tier 3)

Project Title: Domino's T.I.  
Data Filename: S:\2 PROJECT FILES\5500\5510\Brent Hamill\_Northglenn\_CO\_New\_Store\_CDDID-MEP\CA051010.csk  
Report date: 01/20/22  
Page 3 of 12**Section # & Req ID**

Section # & Req ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.6 (E109)	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.6.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

1 High Impact (Tier 1)   2 Medium Impact (Tier 2)   3 Low Impact (Tier 3)

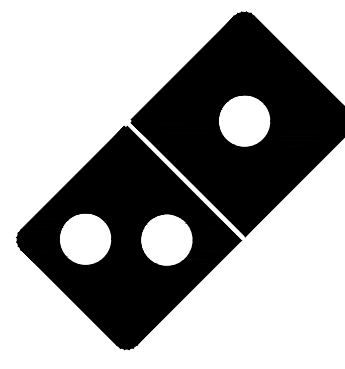
Project Title: Domino's T.I.  
Data Filename: S:\2 PROJECT FILES\5500\5510\Brent Hamill\_Northglenn\_CO\_New\_Store\_CDDID-MEP\CA051010.csk  
Report date: 01/20/22  
Page 4 of 12**Section # & Req ID**

Section # & Req ID	Final Inspection	Complies?	Comments/Assumptions
C403.2.2 (F417)	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

1 High Impact (Tier 1)   2 Medium Impact (Tier 2)   3 Low Impact (Tier 3)

Project Title: Domino's T.I.  
Data Filename: S:\2 PROJECT FILES\5500\5510\Brent Hamill\_Northglenn\_CO\_New\_Store\_CDDID-MEP\CA051010.csk  
Report date: 01/20/22  
Page 5 of 121001 SE SANDY BLVD., SUITE 100  
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01.20.22



## Project No: 5510/ Store #6281

Domino's Pizza Bakery Store  
Pizza Theater Tenant Improvement  
530 Malley Drive., Northglenn, CO 80233  
Mountainside Pizza, Inc.  
5313 Paylor Lane, 34240  
Lakewood Ranch, FL 34240

ISSUED FOR PERMIT:  
12.23.2021

REV	DATE	DESCRIPTION

SHEET NAME:

MECHANICAL  
ENERGY CERTIFICATE

SHEET NUMBER:

# M5.0





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PRIOR TO THE COMMENCEMENT OF WORK, CONTRACTOR TO COORDINATE THE WORK REPRESENTED IN THIS SET OF DOCUMENTS WITH ALL TRADES. CONTRACTOR TO FIELD VERIFY CONDITION, LOCATION, SIZE, CAPACITY AND FLOW DIRECTION OF EXISTING SYSTEMS AND COMPONENTS BEING INCORPORATED INTO THE SYSTEMS AS INDICATED IN THESE DOCUMENTS.

ALL PIPE PENETRATIONS THROUGH BURIED STRUCTURAL ELEMENTS SHALL HAVE A PIPE SLEEVE AND SHALL BE MADE WATERTIGHT WITH A MODULAR SEAL SUCH AS LINKSEAL.

UNLESS OTHERWISE NOTED, ALL EQUIPMENT, MATERIAL AND SYSTEM COMPONENTS CONTAINED OR REFERRED TO BY THESE DOCUMENTS ARE TO BE CONSIDERED AS NEW TO BE FURNISHED AND INSTALLED (F&I) AS THUS.

SEE SHEETS P1.0, P5.0 AND MECHANICAL & ARCHITECTURAL DOCUMENTS FOR FURTHER REQUIREMENTS.

FOR PIPE SIZES NOT INDICATED, SEE PLUMBING FIXTURE SCHEDULE ON P1.0.

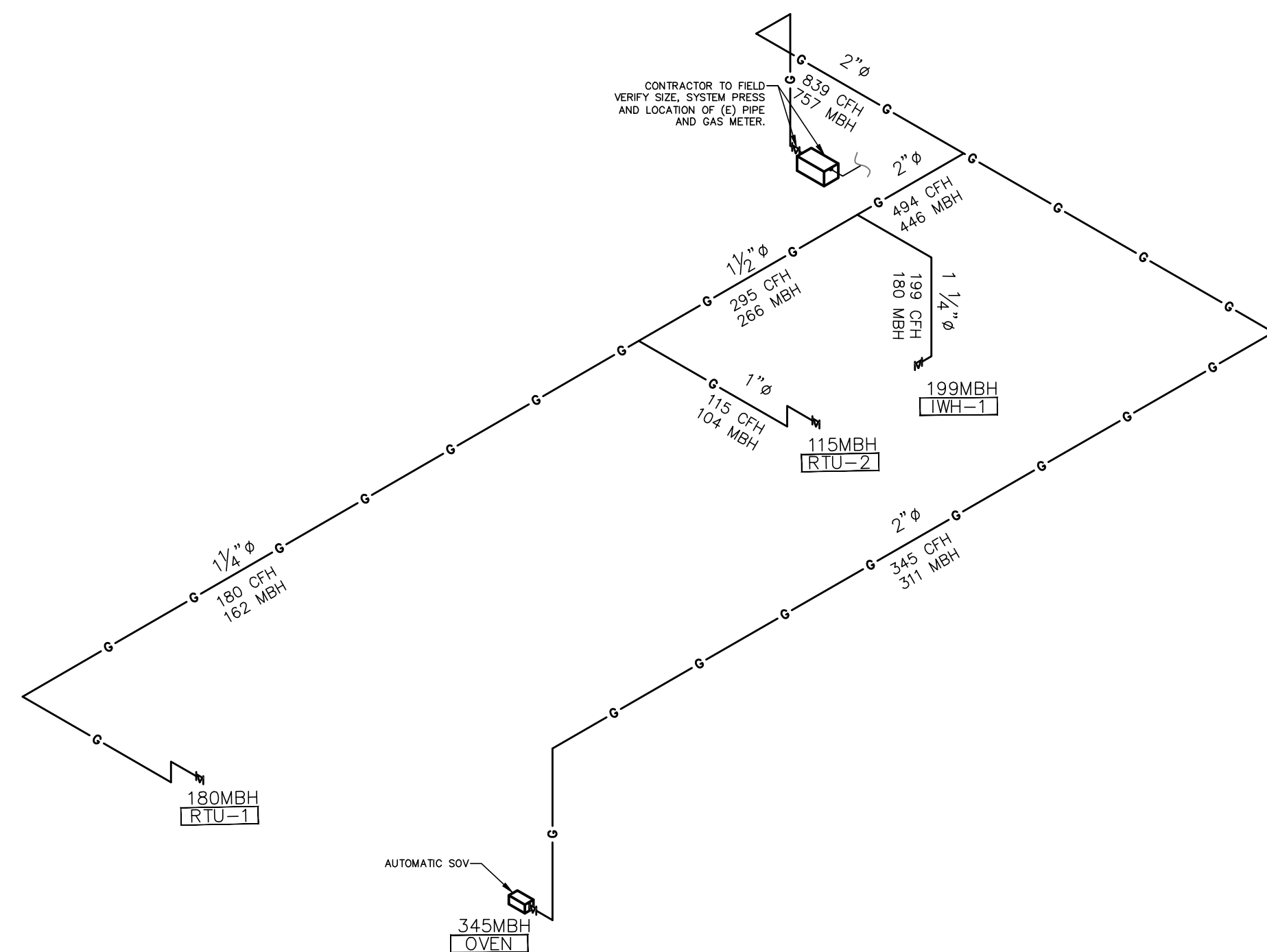
FOR DOMESTIC WATER SYSTEMS ONLY, PEX PIPING IS AN ACCEPTABLE SUBSTITUTION FOR COPPER TUBING UNLESS OTHERWISE NOTED.

### LOW PRESSURE NATURAL GAS CALCULATION

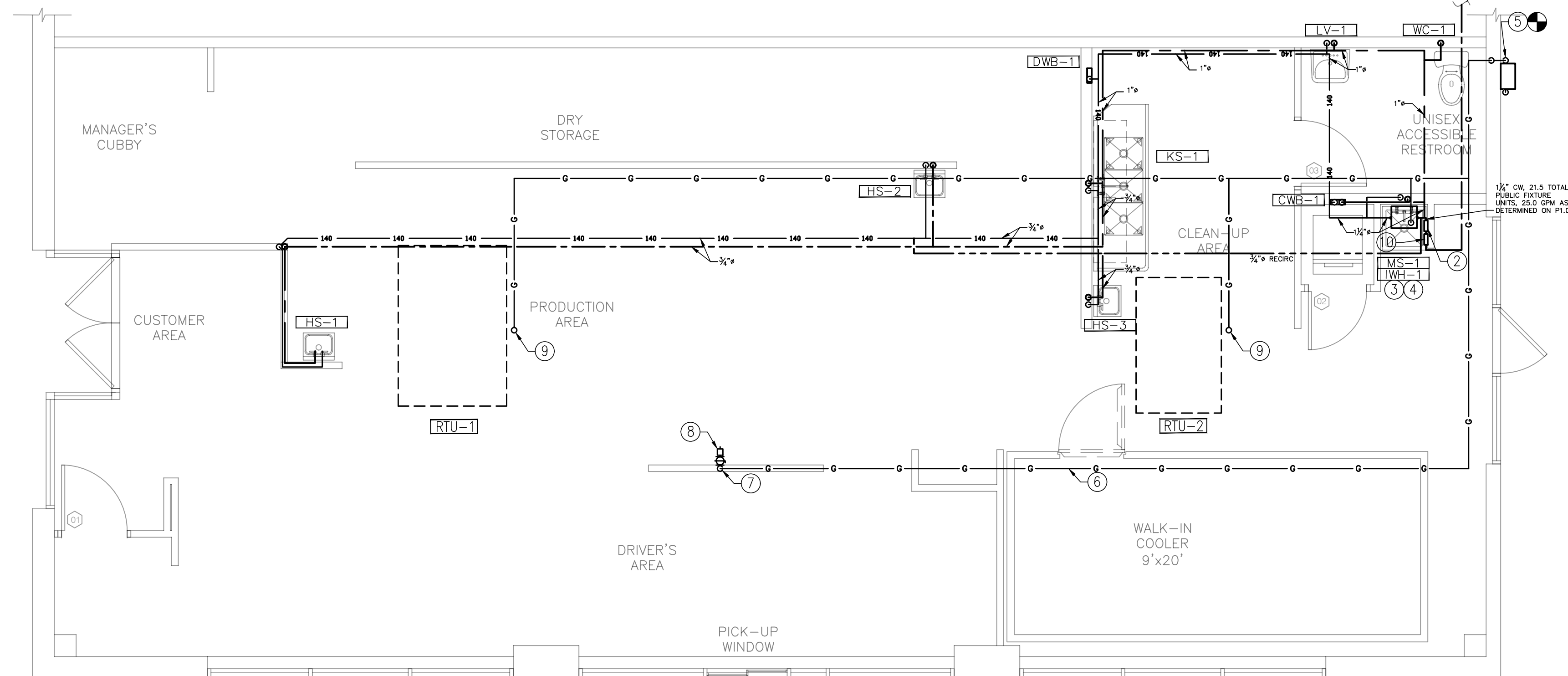
APPLIANCES	PIPE LENGTH (FT)	DEMAND (MBH)
WH-1 (199 MBH @ SEA LEVEL X 0.9 CORR. FACTOR)		180
OVEN (345 MBH @ SEA LEVEL X 0.9 CORR. FACTOR)		311
RTU-1 (180 MBH @ SEA LEVEL X 0.9 CORR. FACTOR)		162
RTU-2 (115 MBH @ SEA LEVEL X 0.9 CORR. FACTOR)		104
TOTAL		757
PIPE LENGTH FROM DEMISING WALL TO METER/PRV ASSEMBLY	10	
PIPE FITTINGS EQUIV. LENGTH FROM BLDG TO METER/PRV	15	
LENGTH OF PIPE IN TENANT SPACE	68	
EQUIV. LENGTH OF PIPE IN OR ON THE BUILDING	102	
TOTAL EQUIVALENT SYSTEM PIPE LENGTH	117	

- NOTES:
- PIPE SIZING BASED ON 2018 IFGC, TABLE 402.4(1) PIPE SIZING FOR PRESSURE LESS THAN 2 PSI, PRESSURE DROP OF 0.3" W.C. AND SPECIFIC GRAVITY OF 0.60.
  - CONTRACTOR SHALL VERIFY ACTUAL GAS PRESSURE AVAILABLE, PIPE LENGTHS, METER/PRV ASSEMBLY SIZE AND LOCATION PRIOR TO CONSTRUCTION. IF PRESSURE IS LESS THAN LISTED ABOVE, ACTUAL PIPE LENGTH IS MORE THAN LISTED ABOVE, CONTRACTOR SHALL CONTACT THE ENGINEER FOR PIPE SIZING EVALUATION. COORDINATE WITH LOCAL UTILITY.

GENERAL GAS PIPING NOTES:  
A. F&I UNIONS AT ALL VALVES AND DEVICES.



NATURAL GAS SCHEMATIC DIAGRAM  
NO SCALE



POTABLE WATER & GAS PLUMBING PLAN  
SCALE: 1/4" = 1'-0"

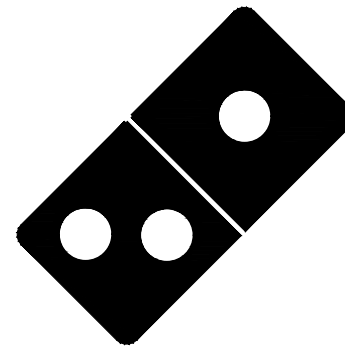
### KEYED NOTES:

- ROUTE COLD WATER PIPING TO CONNECT TO SERVICE WATER PIPING. FIELD VERIFY SIZE, LENGTH OF RUN FROM BUILDING WALL TO METER/PRV ASSEMBLY, CAPACITY, WATER PRESSURE AND LOCATION OF THE METER/PRV ASSEMBLY AND PIPE. ESTIMATED LENGTH OF PIPE FROM THE BUILDING WALL TO THE METER/PRV ASSEMBLY IS SHOWN IN CALCULATIONS ON SHEET P1.0. F&I NEW METER.
- F&I WATTS LFO09 BACKFLOW PREVENTER ABOVE MOP SINK. ROUTE RELIEF PIPE TO DISCHARGE ABOVE TO MOP SINK WITH 1" AIR GAP.
- ALL DHW AND 8 FEET OF CW PIPING CONNECTED TO THE WATER HEATER SHALL BE INSULATED WITH 1" THICK INSULATION. INSULATION TO HAVE AN "R" RATING OF R=4.2 FOR PIPE SIZES < 1 1/4". PIPE SIZES > 1" SHALL BE INSULATED WITH 1-1/2" THICK INSULATION HAVING AN "R" RATING NOT LESS THAN R=6.
- SEE MECHANICAL SHEETS FOR VENT & COMBUSTION AIR.
- RUN NEW GAS LINE IN CEILING TO NEW GAS METER/PRV ASSEMBLY (METER BANK). FIELD VERIFY SIZE, LENGTH OF RUN FROM THIS POINT TO METER/PRV ASSEMBLY; PIPE AND METER/PRV ASSEMBLY CAPACITY; GAS PRESSURE INLET AND OUTLET OF GAS METER/PRV ASSEMBLY; AND LOCATION OF THE METER AND PIPE. ESTIMATED LENGTH OF PIPE FROM THIS POINT TO METER/PRV ASSEMBLY IS SHOWN IN CALCULATIONS ON SHEET P1.0. CONNECT TO NEW METER/PRV ASSEMBLY AS DIRECTED BY LOCAL GAS UTILITY COMPANY.
- OVEN DEDICATED GAS LINE.
- GAS LINE TO DROP DOWN TO OVEN MANIFOLD.
- AUTOMATIC SHUT OFF VALVE TO CUT GAS SUPPLY TO OVEN WHEN HOOD FIRE PROTECTION SYSTEM ACTIVATES.
- GAS PIPE UP THRU ROOF. CONNECT TO UNIT ON ROOF. RUN GAS BACK TO GAS METER. SEE GAS PIPING SCHEMATIC DIAGRAM.
- NEW WATER METER.



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Project No: 5510/ Store #6281

Domino's Pizza Bakery Store  
Pizza Theater Tenant Improvement  
530 Malley Drive., Northglenn, CO 80233  
Mountainside Pizza, Inc.  
5313 Paylor Lane, 34240  
Lakewood Ranch, FL 34240

310.505.6222

ISSUED FOR PERMIT:  
12.23.2021

REV: DATE: DESCRIPTION:

SHEET NAME:

POTABLE WATER &  
GAS PLUMBING PLAN

SHEET NUMBER:

P2.0

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PRIOR TO THE COMMENCEMENT OF WORK, CONTRACTOR TO COORDINATE THE WORK REPRESENTED IN THIS SET OF DOCUMENTS WITH ALL TRADES. CONTRACTOR TO FIELD VERIFY CONDITION, LOCATION, SIZE, CAPACITY AND FLOW DIRECTION OF EXISTING SYSTEMS AND COMPONENTS BEING INCORPORATED INTO THE SYSTEMS AS INDICATED IN THESE DOCUMENTS.

ALL PIPE PENETRATIONS THROUGH BURIED STRUCTURAL ELEMENTS SHALL HAVE A PIPE SLEEVE AND SHALL BE MADE WATERTIGHT WITH A MODULAR SEAL SUCH AS LINKSEAL.

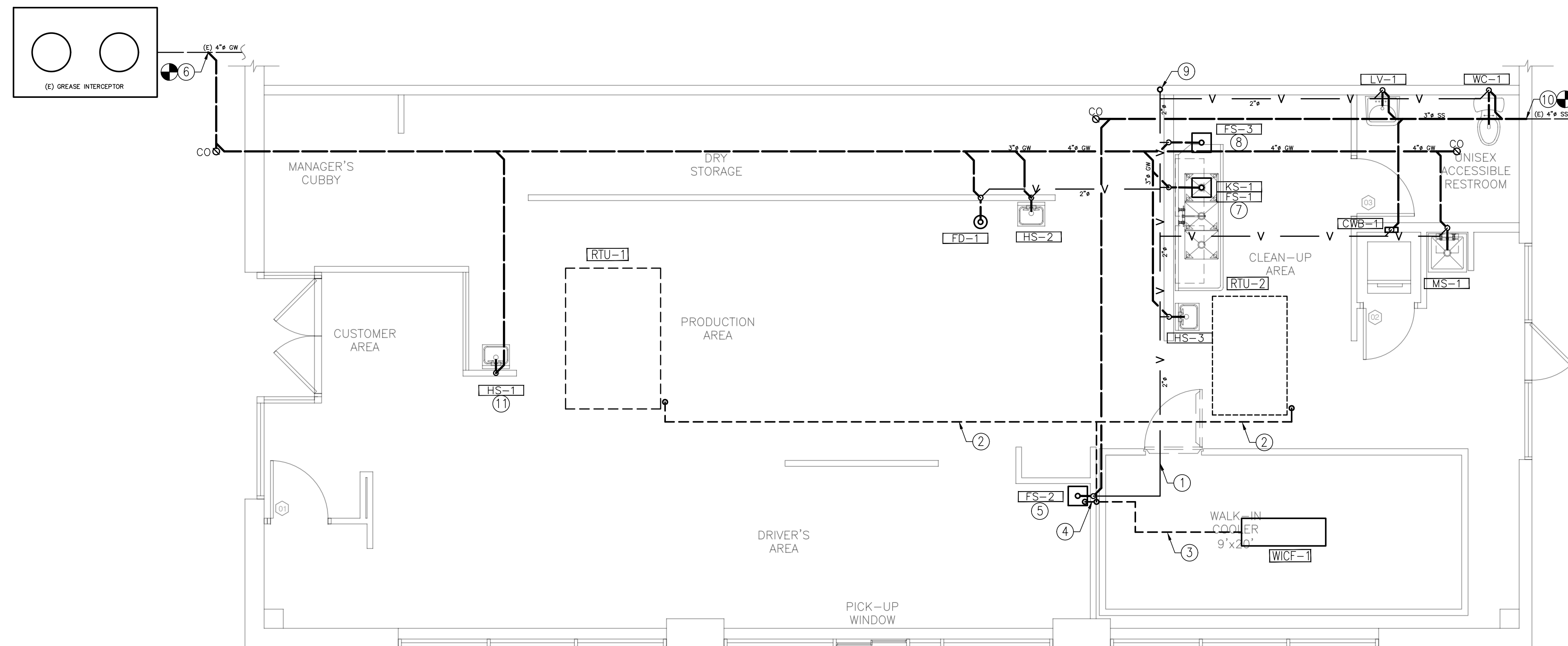
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SEE SHEETS P1.0, P5.0 AND MECHANICAL & ARCHITECTURAL DOCUMENTS FOR FURTHER REQUIREMENTS.  
FOR PIPE SIZES NOT INDICATED, SEE PLUMBING FIXTURE SCHEDULE ON P1.0.

SANITARY SEWER FIXTURE UNITS			
FIXTURES	AMNT.	DNFV EA.	SUB-TOTAL (DNFV)
LAVATORY (LV-X)	1	1	1
MOP SINK (MS-1)	1	2	2
HAND SINK (HS-X)	3	2	6
WATER CLOSET (WC-X)	1	4	4
FLOOR SINK (FS-1&3)	2	5	10
FLOOR SINK (FS-2)	1	2	2
FLOOR DRAIN (FD-1)	1	2	2
CLOTHES WASHER BOX (CWB-1)	1	2	2
KITCHEN (KS-1)	1	2	2
<b>TOTALS</b>	<b>12</b>	<b>31</b>	

**KEYED NOTES:**

1. ACD PIPE DOWN FROM EQUIPMENT ON ROOF.
2. 3/4" ACD PIPE TYPICAL U.O.N.
3. 1" ACD PIPE.
4. 1/4" ACD PIPE.
5. TERMINATE ACD PIPE OVER FS-2 WITH A MINIMUM AIR GAP OF 2X THE DIAMETER DRAINING PIPE.
6. POC TO (E) 4" GREASE WASTE LINE BELOW FLOOR. FIELD VERIFY SIZE, FLOW DIRECTION AND LOCATION.
7. KITCHEN 3-COMP SINK GREASE LINE TO DISCHARGE INDIRECTLY TO THE FLOOR SINK WITH A MINIMUM AIR GAP OF 2X THE DIAMETER DRAINING PIPE. DISCHARGE TO A LEGAL TRAP.
8. DISHWASHER TO DISCHARGE INDIRECTLY TO THE FLOOR SINK THROUGH MINIMUM 2" PVC OR COPPER PIPE WITH A MINIMUM AIR GAP OF 2X THE DIAMETER DRAINING PIPE. DISCHARGE TO A LEGAL TRAP.
9. 2 1/2" VENT UP THRU ROOF TO 4" VTR. MAINTAIN MINIMUM 10'-0" FROM OUTSIDE AIR INTAKES.
10. POC TO (E) 4" SANITARY LINE BELOW FLOOR. FIELD VERIFY SIZE, FLOW DIRECTION AND LOCATION.
11. F&I WITH AIR ADMITTANCE VALVE FOR HAND SINK IN LOW HEIGHT WALL.

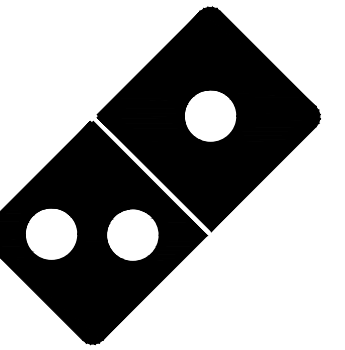


**SANITARY SEWER PLUMBING FLOOR PLAN**  
SCALE: 1/4" = 1'-0"



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ISSUED FOR PERMIT:  
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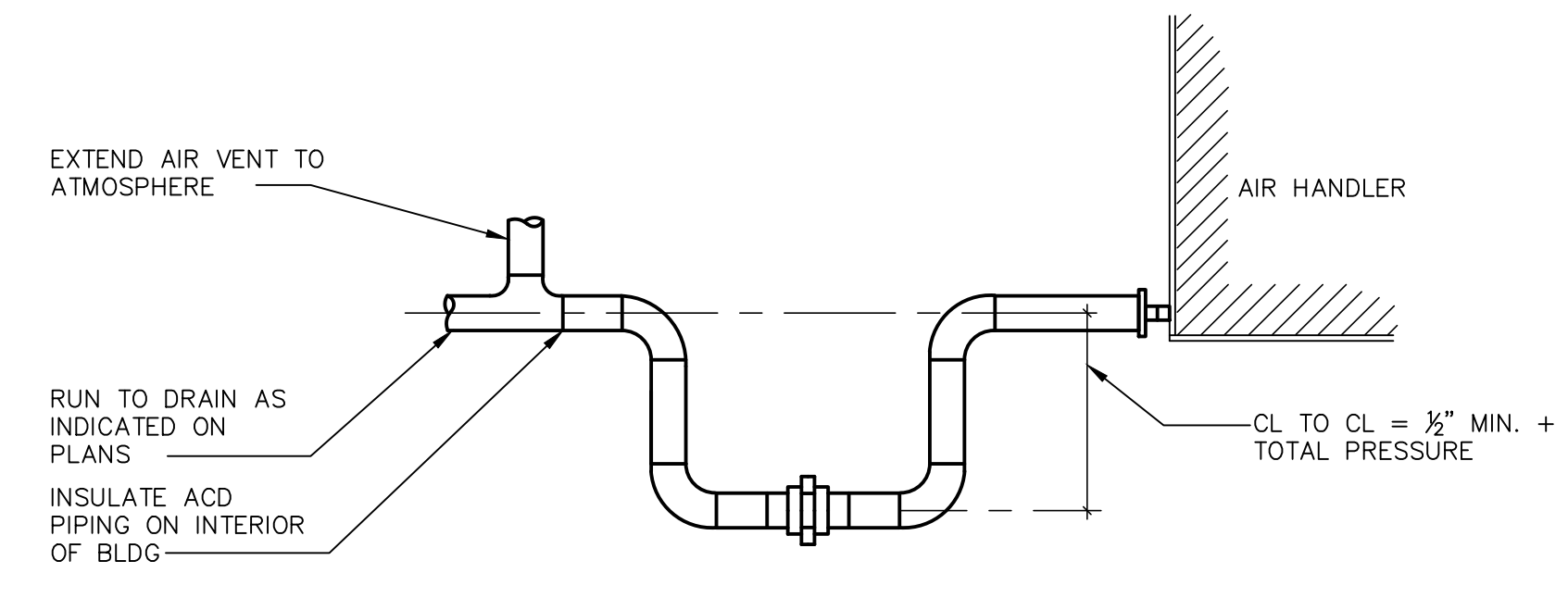
REV.	DATE	DESCRIPTION

SHEET NAME:  
**SANITARY SEWER PLUMBING PLAN**

SHEET NUMBER:  
**P2.1**

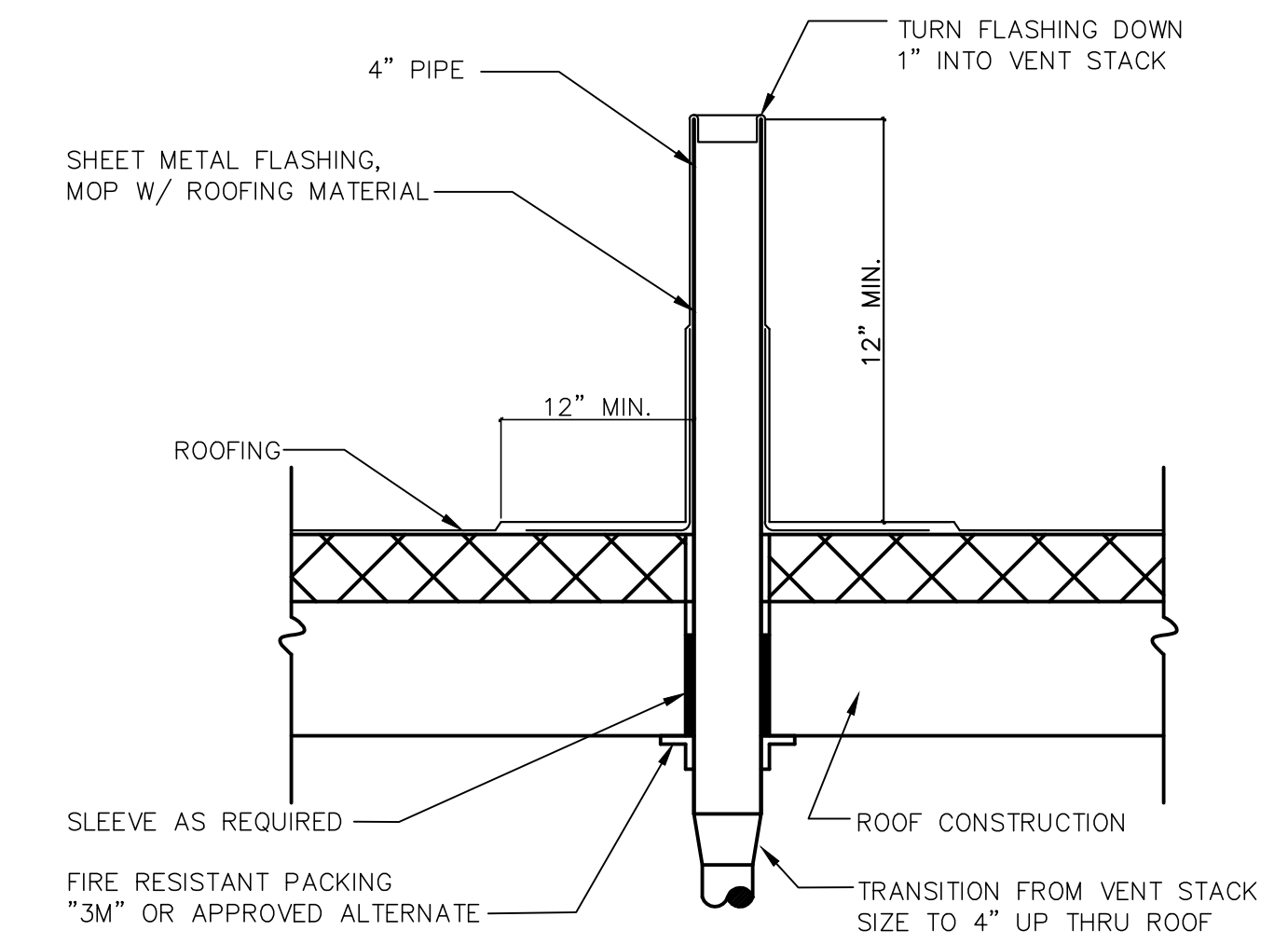
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THE DETAILS ON THIS SHEET ARE  
 STANDARD DETAILS. NOT ALL DETAILS  
 MAY BE RELEVANT TO THIS PROJECT.

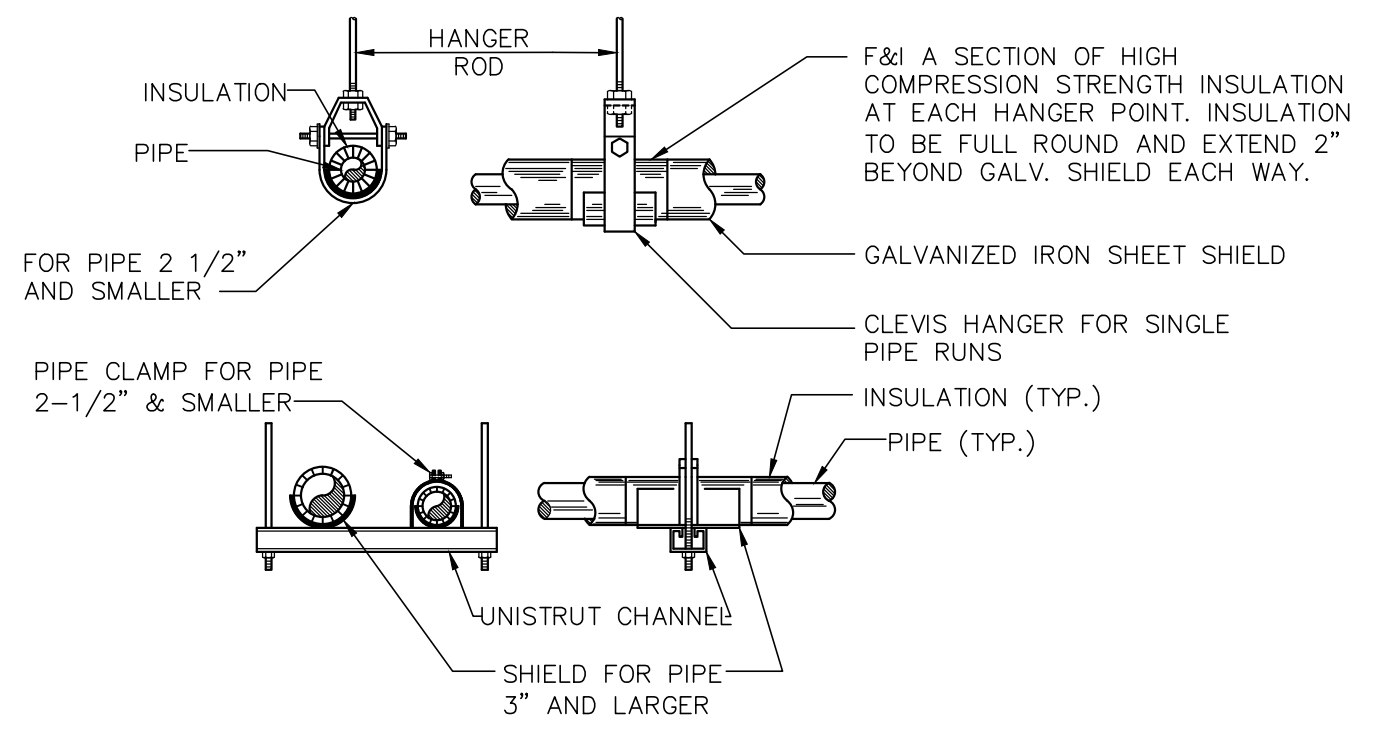


NOTE:  
 DRAIN PIPING TO BE MINIMUM UNIT CONNECTION SIZE, LARGER UNITS  
 (+20 TONS) DRAIN PIPING (1) SIZE AS NOTED ON PLANS.

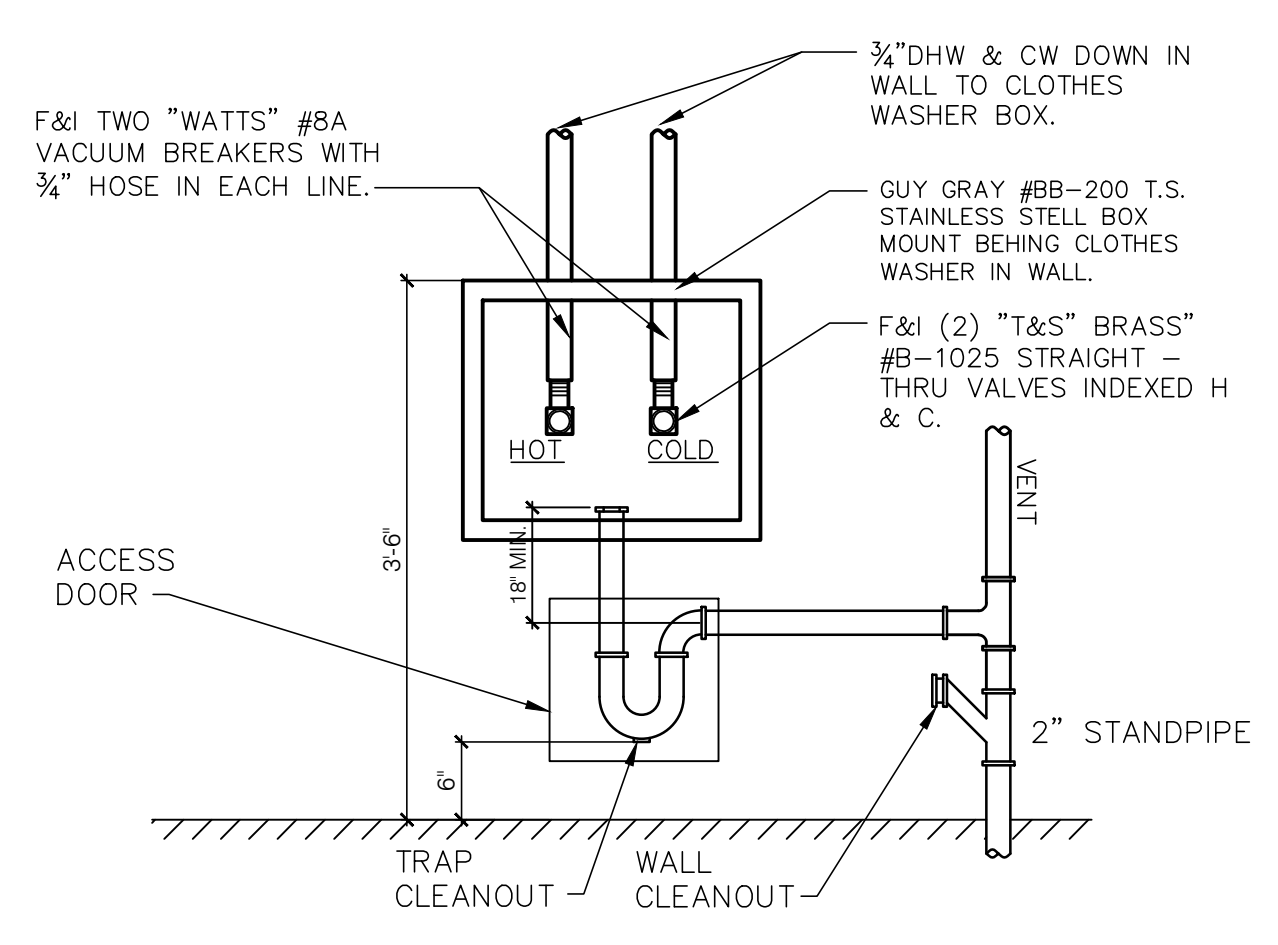
**CONDENSATE TRAP DETAIL**  
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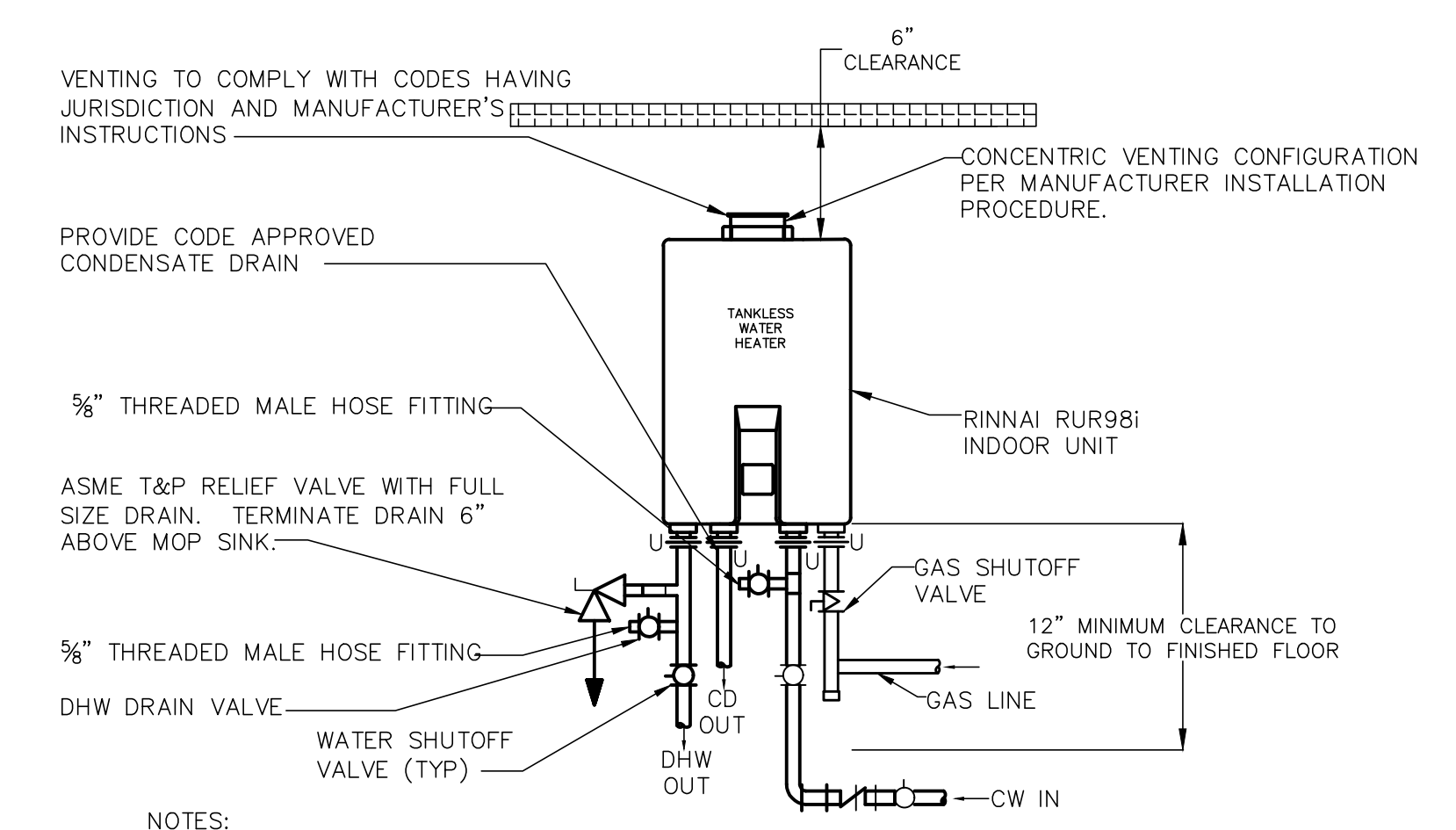
**TYPICAL VENT THRU ROOF DETAIL**  
 NO SCALE



**TYPICAL WATER, DRAIN, WASTE AND VENT PIPE  
 SUPPORT DETAIL**  
 NO SCALE

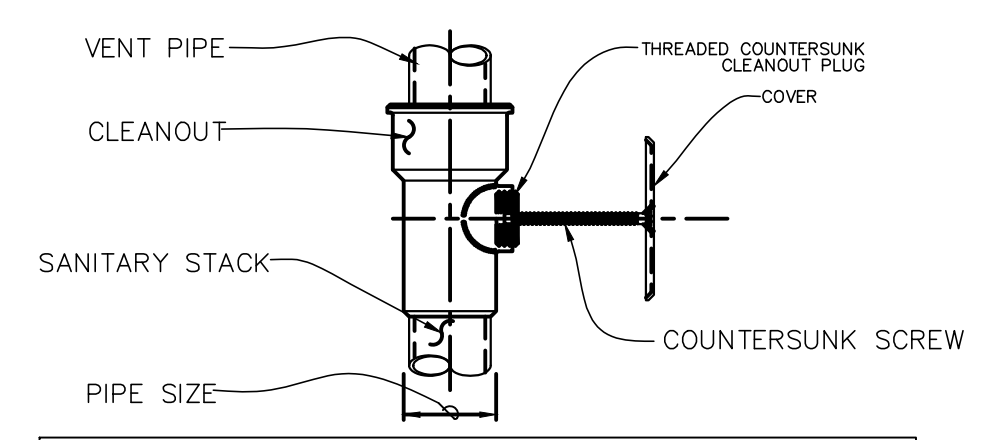
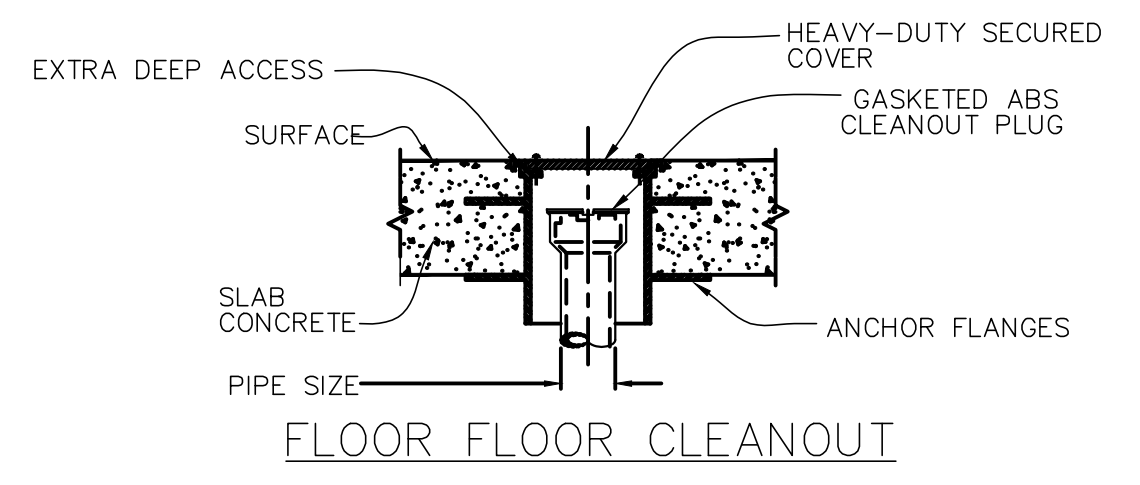


**CLOTHES WASHER BOX CONNECTION DETAIL**  
 NO SCALE



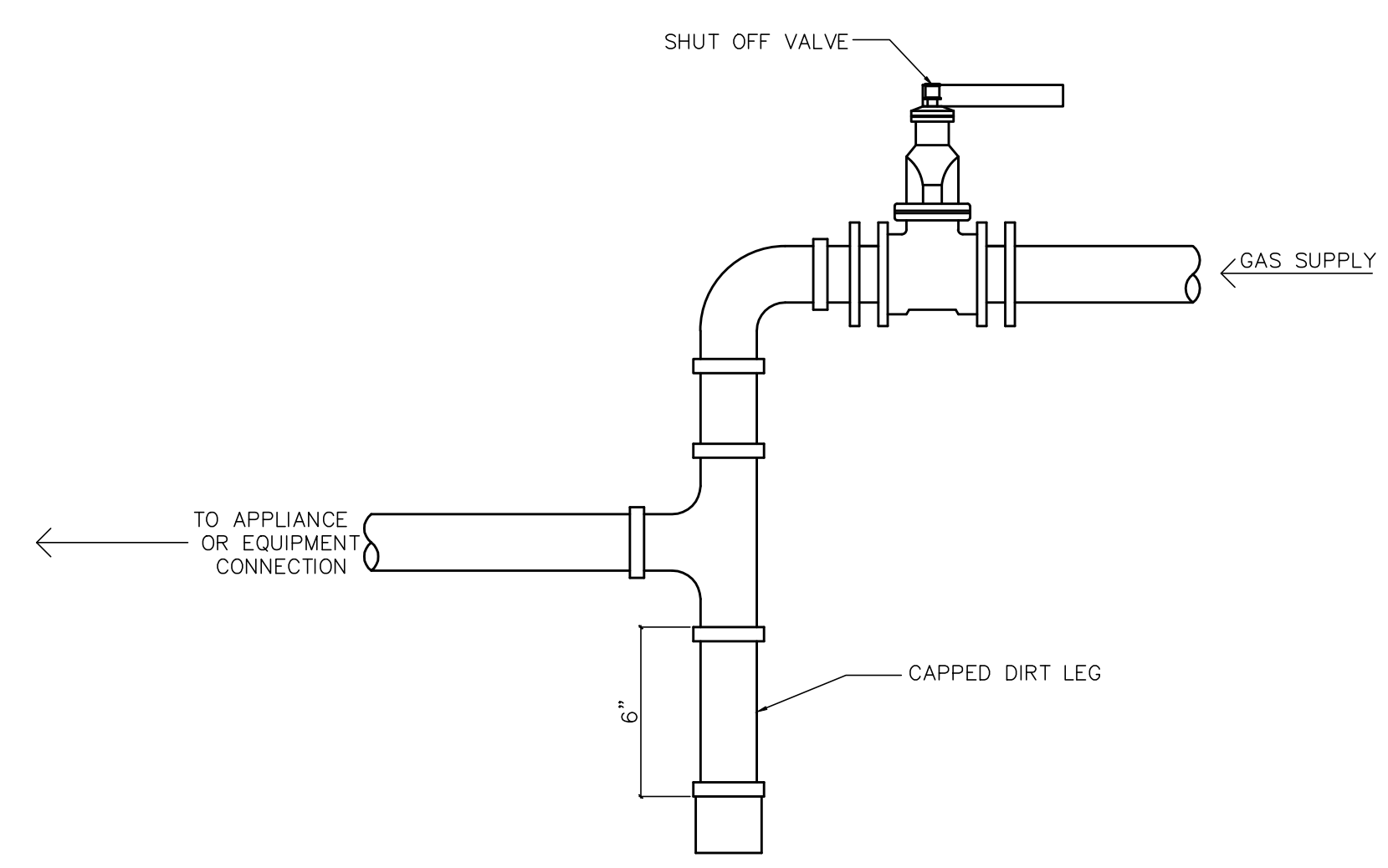
NOTES:  
 SEALED COMBUSTION UNITS (ALL COMBUSTION AIR FROM OUTSIDE OF THE BUILDING)  
 WATER HEATER MUST BE INSTALLED TO CONFORM WITH CURRENT EDITION OF THE MECHANICAL, FUEL GAS,  
 PLUMBING, AND ELECTRICAL CODES; AND THE MANUFACTURER INSTALLATION INSTRUCTIONS.  
 PROTECT HEATER FROM FREEZING  
 CLEARANCE REQUIRED IN FRONT OF THE UNIT IS 6 INCHES.  
 T&P VALVE AND DRAIN PAN DRAIN LINES TO BE RUN TO AN APPROVED INDIRECT WASTE RECEPTOR.

**INSTANT DOMESTIC WATER HEATER DETAIL**  
 NO SCALE

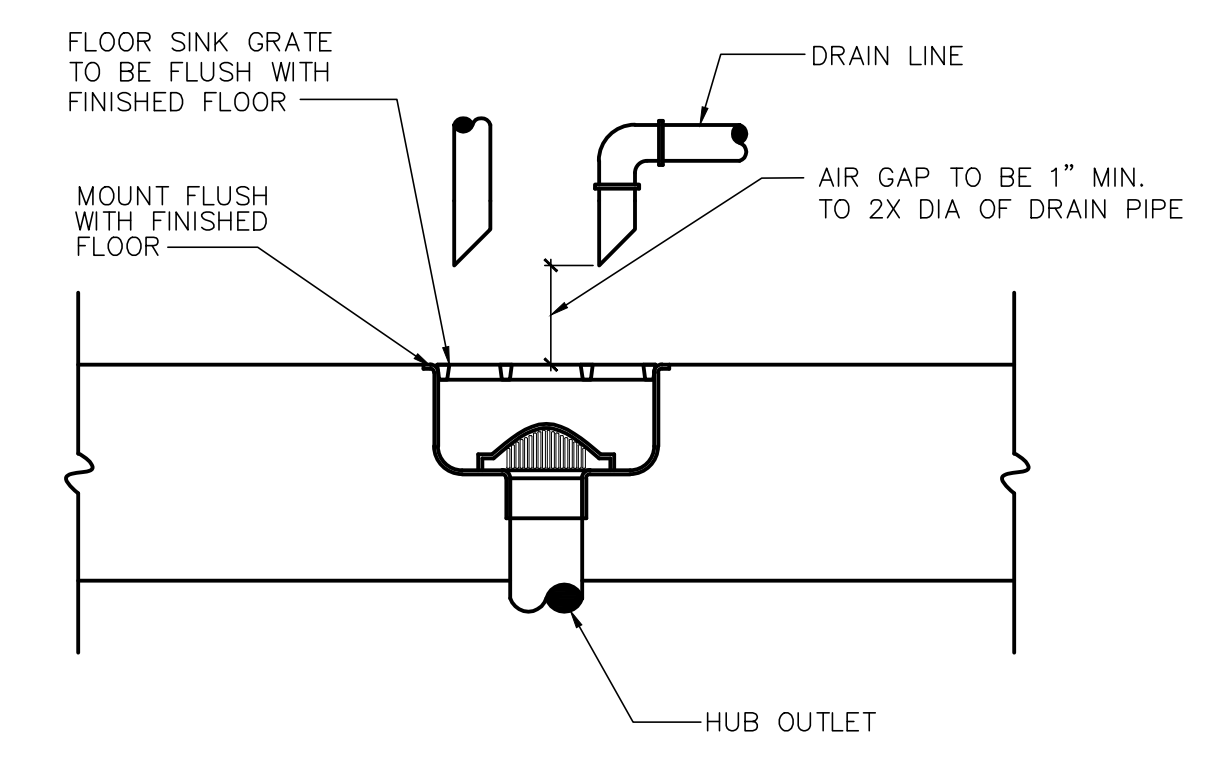


NOTE:  
 1. INSTALL CLEAN OUTS SO BOTTOM IS AT LEAST 7\"/>

**TYPICAL CLEANOUT DETAILS**  
 NO SCALE



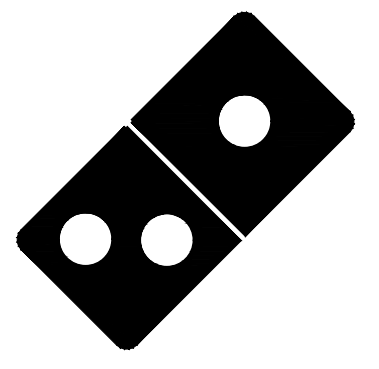
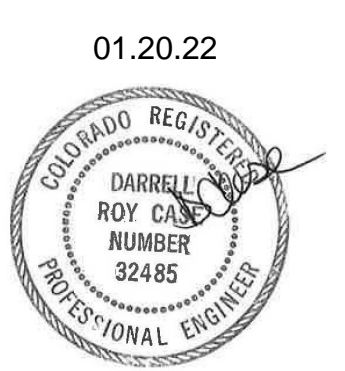
**GAS EQUIPMENT CONNECTION DETAIL**  
 NO SCALE



**FLOOR SINK DETAIL**  
 NO SCALE



1001 SE SANDY BLVD., SUITE 100  
 PORTLAND, OR 97214  
 T: 503.552.9079  
 F: 503.241.7055  
 WWW.GNICHARCH.COM



**Project No: 5510/ Store #6281**

Domino's Pizza Bakery Store  
 Pizza Theater Tenant Improvement  
 530 Malley Drive., Northglenn, CO 80233  
 Mountinside Pizza, Inc.  
 5313 Paylor Lane, 34240  
 Lakewood Ranch, FL 34240

310.505.6222

ISSUED FOR PERMIT:  
 12.23.2021

REV:	DATE:	DESCRIPTION:

SHEET NAME:

PLUMBING DETAILS

SHEET NUMBER:

P3.0

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**Construction Bid Sheet**

Store #: 6281

Store Name: Northglenn

Store Address: 640 Malley Dr.

Submitted by Creative Construction January 14, 2022

Item #	Description	Line Item Cost	Division Total
<b>01</b>	<b>General Conditions</b>		
01-010	Builders Risk Insurance		
01-020	Workers Comp & GL Insurance		
01-030	Bonds		
01-110	Project Executive & Staff		
01-120	Sr. Project Manager		
01-130	Project Manager		
01-140	Superintendent		
01-145	Assistant Project Manager		
01-150	Project Engineer		
01-155	Project Coordinator		
01-160	M.E.P. Coordinator		
01-210	Plans & Specs Reproduction		
01-310	Gas & Oil / Travel Expense		
01-410	Safety Director		
01-420	PPE		
01-430	Temp. Labor / General Labor		
01-440	Temp. Toilets	\$ 1,150.00	
01-450	Temp. First Aid		
01-460	Temp. Fire Protection		
01-470	Temp. Signage		
01-480	Temp. Barricades & Fencing	\$ 700.00	
01-510	Material Testing		
01-610	Hoisting		
01-620	Small Tools / Consumables		
01-630	Equipment Rental		
01-710	Dumpster / Trash Removal	\$ 2,000.00	
01-810	General Project Clean Up (includes except deliveries)	\$ 2,400.00	
01-820	Final Clean	\$ 1,150.00	
01-910	As-Built Drawings		
01-920	Close Out Documents		
Other			
Other			
<b>Subtotal:</b>			<b>\$ 7,400.00</b>

Item #	Description	Line Item Cost	Division Total
<b>02</b>	<b>Sitework</b>		
02-010	Demo - Slab Cut For MEP's	\$ 3,120.00	
02-020	Demo - General (Floors / Walls / Ceilings)	\$ 2,510.00	
02-030	Demo - Exterior Asphalt/Concrete		
02-110	Shoring		
02-510	Exterior - Asphalt		
02-520	Exterior - Concrete	\$ 13,340.00	
02-610	Landscaping		
02-620	Irrigation		
09-910	Maintenance of Traffic		
Other			
Other			
Subtotal:			\$ 18,970.00
<b>03</b>	<b>Concrete</b>		
03-010	Concrete - MEP Pour Back	\$ 2,410.00	
03-020	Concrete - General (Slab / Column / Beam)		
Other			
Other			
Subtotal:			\$ 2,410.00
<b>04</b>	<b>Masonry</b>		
04-010	Block Work		
04-020	Brick Work		
Other			
Other			
Subtotal:			\$ -
<b>05</b>	<b>Metals</b>		
05-010	Structural Steel		
05-510	SS Handrails (At Child Step)		
05-520	SS Wall and Corner Trim (includes TVs & mounts)	\$ 29,590.00	
05-530	SS Base		
05-540	SS Cap For Manager's Desk		
05-810	Access Ladder / Stairs		
Other			
Other			
Subtotal:			\$ 29,590.00
<b>06</b>	<b>Wood &amp; Plastics</b>		
06-010	Backing & Blocking	\$ 725.00	
06-510	Install POS Cabinets	\$ 500.00	
06-610	Corian At Sneeze Guard	\$ 1,000.00	
06-810	Manager's Desk	\$ 210.00	
Other			
Other			
Subtotal:			\$ 2,435.00

Item #	Description	Line Item Cost	Division Total
<b>07</b>	<b>Thermal &amp; Moisture Protection</b>		
07-010	Framing / Structural Support		
07-020	Decking		
07-110	Roofing	\$ 4,495.00	
07-210	Insulation		
07-510	Wall Cap		
07-520	Gutters & Downspouts		
07-530	Roof Curbs		
07-810	Misc. Patching		
07-820	Sealants & Caulking		
Other			
Other			
Subtotal:			\$ 4,495.00
<b>08</b>	<b>Doors &amp; Windows</b>		
08-010	HM Doors & Frames	\$ 3,025.00	
08-110	Store Front / Glass Doors	\$ 2,800.00	
08-210	Door Hardware - General		
08-220	Door Hardware - Mag Lock		
08-510	Curtain Wall System		
08-610	Sneeze Guard System	\$ 2,386.00	
08-710	Drive Thru Window	\$ 7,375.00	
Other			
Other			
Subtotal:			\$ 15,586.00
<b>09</b>	<b>Finishes</b>		
09-010	Metal Stud Framing	\$ 5,925.00	
09-020	Drywall	\$ 4,440.00	
09-030	Concrete Board / Plywood		
09-210	Floor Prep		
09-220	Tile - Floor	\$ 11,475.00	
09-230	Tile - Wall	\$ 7,470.00	
09-410	Acoustical Ceilings	\$ 5,965.00	
09-510	FRP	\$ 6,943.00	
09-610	Exterior Siding		
09-810	Painting - Interior	\$ 1,170.00	
09-820	Painting - Exterior		
Other	Purchase Tile, Plus Freight	\$ 8,519.00	
Other			
Subtotal:			\$ 51,907.00

Item #	Description	Line Item Cost	Division Total
<b>10</b>	<b>Specialties</b>		
10-010	Install signage and graphics	\$ 150.00	
10-110	Fire Extinguishers		
10-210	Toilet Accessories	\$ 490.00	
Other			
Other			
Subtotal:			\$ 640.00
<b>11</b>	<b>Equipment</b>		
11-010	Oven / Hood Installation		
11-020	Walk-In Cooler Installation	\$ 8,250.00	
11-110	Kitchen Equip. Installation	\$ 1,210.00	
11-120	Computer / Monitor Installation		
Other			
Other			
Subtotal:			\$ 9,460.00
<b>12</b>	<b>Furnishings</b>		
12-010	Shades		
12-020	Window Tint		
Other			
Other			
Subtotal:			\$ -
<b>13</b>	<b>Special Construction</b>		
13-010	Ansul System		
Other			
Other			
Subtotal:			\$ -
<b>14</b>	<b>Conveying</b>		
N/A			
Subtotal:			\$ -
<b>15</b>	<b>Mechanical</b>		
15-010	Plumbing	\$ 36,900.00	
15-020	Rinnai System		
15-030	Gas Piping		
15-040	Grease Interceptor		
15-410	Fire Sprinkler System		
15-700	HVAC	\$ 56,513.00	
Other			
Other			
Subtotal:			\$ 93,413.00

Item #	Description	Line Item Cost	Division Total
<b>16</b>	<b>Electrical</b>		
16-010	Electrical	\$ 46,928.00	
16-110	Data Communications		
16-210	Fire Alarm		
Other			
Other			
Subtotal:			\$ 46,928.00
<b>17</b>	<b>Additional Costs</b>		
17-010	Permit		
17-110	Sales Tax		
17-120	Use Tax		
17-510	Overhead	\$ 8,000.00	
17-520	Profit	\$ 28,794.00	
Other			
Other			
Subtotal:			\$ 36,794.00
<b>Total:</b>			<b>\$ 320,028.00</b>



January 18, 2022

## PROPOSAL

ATTN: Joseph Vanasco

RE: **DOMINO'S PIZZA**  
640 MALLEY DRIVE

Gentlemen:

In response to your request, we've prepared pricing for the referenced project. This proposal is based on drawings prepared by Gnich Architecture Studio, LLC who provided Architectural, Mechanical, Electrical, & Plumbing plans dated 12/23/2021. The proposed cost, a list of qualifications, clarifications and an itemized cost breakdown follows:

### I. PROJECT COSTS

**BASE BID..... \$ 380,000.00**

**TOTAL BID..... \$ 380,000.00**

### II. QUALIFICATIONS & CLARIFICATIONS

#### A. INCLUSIONS

1. All interior remodel items in accordance with the construction drawings and supplemental instructions given by the owner. All interior demolition not shown on construction drawings is included.
2. Due to COVID-19, construction material supply chain issues and material pricing fluctuations this bid is good for 7 days from the proposal date listed above. After 7 days all pricing will have to be re-verified.

#### B. EXCLUSIONS

1. Payment and Performance Bond.
2. Bid Bond.
3. Builder's risk insurance.
4. All use tax or special construction tax associated with renovations.
5. Cold weather conditions.
6. Permit Expediting.
7. Scope of work changes arising out of permit plan review.



8. Union labor.
9. Testing/special inspections.
10. Third party inspections, including any inspections required for exterior concrete work.
11. Offsite construction.
12. Any ROW work.
13. Asphalt paving.
14. Any trash enclosure work.
15. All primary utility work.
16. All utility fees associated with construction.
17. Metal railings.
18. New grease trap and or all work associated with existing grease trap. Grease trap is shown to be existing.
19. Land scaping.
20. Roof flashing and sheetmetal.
21. Knox Box.
22. Roof ladder.
23. Toilet partitions.
24. All work associated with the water leak in the SE corner of the suite.
25. Hazardous materials demolition.
26. Existing Leaks in Roof and damage to new construction caused by Roof leak.
27. All structural work that could be associated with the roof loading of two rooftop units.
28. All structural work, no structural drawings were provided at the time of bid.
29. Grease hoods/Ansul package.
30. Make Up Air Unit. Captive Air System with Hood.
31. Kitchen hood fire suppression permitting.
32. In wall (Exterior wall / Demising wall) or above ceiling insulation.
33. Roller shades / mini blinds.
34. Awnings/canopies.
35. Soda and ice machine equipment supply and install.
36. All signage materials.
37. Menu board materials.
38. Kitchen equipment supply and install.
39. Furniture package supply.
40. Millwork package supply.
41. Office equipment and office millwork supply.
42. Existing perimeter wall fire blocking or fire caulking.
43. Freezer / cooler package supply.
44. Soda Machine, Ice Machine, Refrigerant and Line Sets.
45. Security, sound, P.O.S., data, and voice systems.
46. Fire alarm system.
47. Fire suppression system.
48. Existing contaminated materials disposal and removal.



**III. DRAWINGS UPON WHICH THIS PROPOSAL IS BASED**

<b>Number</b>	<b>Title</b>	<b>Date</b>
<b>Architectural Drawings</b>		
G1.0	Cover Sheet	12/23/2021
G2.0	Construction Specifications / Accessibility Details	12/23/2021
FLS1.0	Fire / Life Safety Plan	12/23/2021
A1.0	Equipment Layout / Counter Cabinets / Schedules	12/23/2021
A2.0	Partition & Finish Plan/Details/Material Sched./Door Sched.	12/23/2021
A3.0	Reflected Ceiling Plan / Details	12/23/2021
A4.0	Interior Elevations / Art Package Schedule	12/23/2021
A5.0	Interior Details	12/23/2021
A6.0	Interior Details	12/23/2021
<b>Electrical Plans</b>		
E1.0	Electrical One Line Diagram / Panel Schedule / Calcs.	12/23/2021
E2.0	Electrical Lighting Plan	12/23/2021
E3.0	Electrical Power Plan	12/23/2021
<b>Mechanical Plan</b>		
M1.0	Mechanical Schedule / Calcs. & Legend	12/23/2021
M2.0	Mechanical Plan	12/23/2021
M3.0	Mechanical Details & Sequence of Operations	12/23/2021
M4.0	Mechanical Details	12/23/2021
M5.0	Mechanical Energy Certificate	12/23/2021
M6.0	Mechanical General Notes & Specifications	12/23/2021
<b>Plumbing Plans</b>		
P1.0	Plumbing Legend Calcs, & Schedule	12/23/2021
P2.0	Potable Water & Gas Plumbing Plan	12/23/2021
P2.1	Sanitary Sewer Plumbing Plan	12/23/2021
P3.0	Plumbing Details	12/23/2021
P4.0	Plumbing Specifications & Details	12/23/2021

The proposed project has a projected schedule of Forty-Seven (47) days. We appreciate the opportunity to provide this pricing and look forward to working with you on this project.

Sincerely,





  
Kevin Ling  
New Style Contracting

**Attorneys' Fees-** New Style Contracting will have the right to collect from the accepting party its reasonable costs and necessary disbursements and attorneys' fees incurred in enforcing this agreement.



## Construction Bid Sheet

Store #: 6281

Store Name: Northglenn

Store Address: 640 Malley Dr.

Item #	Description	Line Item Cost	Division Total
<b>01</b>	<b>General Conditions</b>	\$ 24,650.00	
01-010	Builders Risk Insurance		
01-020	Workers Comp & GL Insurance		
01-030	Bonds		
01-110	Project Executive & Staff		
01-120	Sr. Project Manager		
01-130	Project Manager		
01-140	Superintendent		
01-145	Assistant Project Manager		
01-150	Project Engineer		
01-155	Project Coordinator		
01-160	M.E.P. Coordinator		
01-210	Plans & Specs Reproduction		
01-310	Gas & Oil / Travel Expense		
01-410	Safety Director		
01-420	PPE		
01-430	Temp. Labor / General Labor		
01-440	Temp. Toilets		
01-450	Temp. First Aid		
01-460	Temp. Fire Protection		
01-470	Temp. Signage		
01-480	Temp. Barricades & Fencing		
01-510	Material Testing		
01-610	Hoisting		
01-620	Small Tools / Consumables		
01-630	Equipment Rental		
01-710	Dumpster / Trash Removal		
01-810	General Project Clean Up		
01-820	Final Clean		
01-910	As-Built Drawings		
01-920	Close Out Documents		
Other			
Other			
Subtotal:			\$ 25,650.00

Item #	Description	Line Item Cost	Division Total
<b>02</b>	<b>Sitework</b>		
02-010	Demo - Slab Cut For MEP's	\$ 6,100.00	
02-020	Demo - General (Floors / Walls / Ceilings)	\$ 9,500.00	
02-030	Demo - Exterior Asphalt/Concrete	\$ 5,400.00	
02-110	Shoring	EXCLUDED	
02-510	Exterior - Asphalt	\$ 2,500.00	
02-520	Exterior - Concrete	\$ 13,000.00	
02-610	Landscaping	EXCLUDED	
02-620	Irrigation	EXCLUDED	
09-910	Maintenance of Traffic	In 02-520	
Other	Striping	\$ 1,100.00	
Other			
Subtotal:			\$ 37,600.00
<b>03</b>	<b>Concrete</b>		
03-010	Concrete - MEP Pour Back	\$ 5,400.00	
03-020	Concrete - General (Slab / Column / Beam)	EXCLUDED	
Other	Floor Grind for Tile	\$ 1,400.00	
Other	Sawcut for HVAC	\$ 500.00	
Subtotal:			\$ 7,300.00
<b>04</b>	<b>Masonry</b>		
04-010	Block Work	EXCLUDED	
04-020	Brick Work	EXCLUDED	
Other			
Other			
Subtotal:			\$ -
<b>05</b>	<b>Metals</b>		
05-010	Structural Steel (Half Wall Support)	\$ 750.00	
05-510	SS Handrails (At Child Step)	EXCLUDED	
05-520	SS Wall and Corner Trim	\$ 18,500.00	
05-530	SS Base	IN 05-520	
05-540	SS Cap For Manager's Desk	IN 05-520	
05-810	Access Ladder / Stairs	EXCLUDED	
Other			
Other			
Subtotal:			\$ 19,250.00
<b>06</b>	<b>Wood &amp; Plastics</b>		
06-010	Backing & Blocking	\$ 2,500.00	
06-510	Install POS Cabinets	\$ 3,500.00	
06-610	Corian At Sneeze Guard	\$ 1,600.00	
06-810	Manager's Desk	\$ 3,500.00	
Other			
Other			
Subtotal:			\$ 11,100.00

Item #	Description	Line Item Cost	Division Total
<b>07</b>	<b>Thermal &amp; Moisture Protection</b>		
07-010	Framing / Structural Support	EXCLUDED	
07-020	Decking	EXCLUDED	
07-110	Roofing	\$ 3,500.00	
07-210	Insulation	EXCLUDED	
07-510	Wall Cap	EXCLUDED	
07-520	Gutters & Downspouts	EXCLUDED	
07-530	Roof Curbs	IN 07-110	
07-810	Misc. Patching	\$ 750.00	
07-820	Sealants & Caulking	\$ 500.00	
Other			
Other			
Subtotal:			\$ 4,750.00
<b>08</b>	<b>Doors &amp; Windows</b>		
08-010	HM Doors & Frames	\$ 2,800.00	
08-110	Store Front / Glass Doors	\$ 15,900.00	
08-210	Door Hardware - General	In 08-010	
08-220	Door Hardware - Mag Lock	In 08-010	
08-510	Curtain Wall System	EXCLUDED	
08-610	Sneeze Guard System	IN 08-610	
08-710	Drive Thru Window	IN 08-610	
Other	Access Doors	\$ 500.00	
Other			
Subtotal:			\$ 19,200.00
<b>09</b>	<b>Finishes</b>		
09-010	Metal Stud Framing	In 09-020	
09-020	Drywall	\$ 19,600.00	
09-030	Concrete Board / Plywood	In 09-020	
09-210	Floor Prep	\$ 31,300.00	
09-220	Tile - Floor	In 09-210	
09-230	Tile - Wall	In 09-210	
09-410	Acoustical Ceilings	\$ 5,600.00	
09-510	FRP	\$ 8,700.00	
09-610	Exterior Siding	EXCLUDED	
09-810	Painting - Interior	\$ 3,500.00	
09-820	Painting - Exterior	EXCLUDED	
Other			
Other			
Subtotal:			\$ 68,700.00

Item #	Description	Line Item Cost	Division Total
<b>10</b>	<b>Specialties</b>		
10-010	Install signage and graphics	In 06-510	
10-110	Fire Extinguishers	EXCLUDED	
10-210	Toilet Accessories	\$ 1,100.00	
Other	Signs	\$ 250.00	
Other			
Subtotal:			\$ 1,350.00
<b>11</b>	<b>Equipment</b>		
11-010	Oven / Hood Installation	EXCLUDED	
11-020	Walk-In Cooler Installation (Including Refrig.)	\$ 5,000.00	
11-110	Kitchen Equip. Installation	In 06-510	
11-120	Computer / Monitor Installation	In 06-510	
Other			
Other			
Subtotal:			\$ 5,000.00
<b>12</b>	<b>Furnishings</b>		
12-010	Shades	EXCLUDED	
12-020	Window Tint	EXCLUDED	
Other	Washer/Dryer	\$ 1,900.00	
Other			
Subtotal:			\$ 1,900.00
<b>13</b>	<b>Special Construction</b>		
13-010	Ansul System	EXCLUDED	
Other			
Other			
Subtotal:			\$ -
<b>14</b>	<b>Conveying</b>		
N/A			
Subtotal:			\$ -
<b>15</b>	<b>Mechanical</b>		
15-010	Plumbing	\$ 44,100.00	
15-020	Rinnai System		
15-030	Gas Piping	In 15-010	
15-040	Grease Interceptor	EXCLUDED	
15-410	Fire Sprinkler System	EXCLUDED	
15-700	HVAC	\$ 50,600.00	
Other			
Other			
Subtotal:			\$ 94,700.00

Item #	Description	Line Item Cost	Division Total
<b>16</b>	<b>Electrical</b>		
16-010	Electrical	\$ 57,500.00	
16-110	Data Communications	Conduit & Boxes	
16-210	Fire Alarm	EXCLUDED	
Other	Air Curtain	\$ 3,000.00	
Other			
Subtotal:			\$ 60,500.00
<b>17</b>	<b>Additional Costs</b>		
17-010	Permit	EXCLUDED	
17-110	Sales Tax on materials purchased by GC	\$ 3,615.00	
17-120	Use Tax	EXCLUDED	
17-510	Overhead	In 17/520	
17-520	Profit	\$ 17,885.00	
Other	Final Clean	\$ 1,500.00	
Other			
Subtotal:			\$ 23,000.00
<b>Total:</b>			<b>\$ 380,000.00</b>



### Construction Bid Sheet

Store #: 6281

Store Name: Northglenn

Store Address: 640 Malley Dr.

Item #	Description	Line Item Cost	Division Total
<b>01</b>	<b>General Conditions</b>		
01-010	Builders Risk Insurance	\$ -	
01-020	Workers Comp & GL Insurance	\$ -	
01-030	Bonds	\$ -	
01-110	Project Executive & Staff	\$ -	
01-120	Sr. Project Manager	\$ -	
01-130	Project Manager	\$ -	
01-140	Superintendent	\$ 21,500.00	
01-145	Assistant Project Manager	\$ -	
01-150	Project Engineer	\$ -	
01-155	Project Coordinator	\$ -	
01-160	M.E.P. Coordinator	\$ -	
01-210	Plans & Specs Reproduction	\$ 150.00	
01-310	Gas & Oil / Travel Expense	\$ 13,000.00	
01-410	Safety Director	\$ -	
01-420	PPE	\$ -	
01-430	Temp. Labor / General Labor	\$ 1,500.00	
01-440	Temp. Toilets	\$ 500.00	
01-450	Temp. First Aid	\$ -	
01-460	Temp. Fire Protection	\$ -	
01-470	Temp. Signage	\$ -	
01-480	Temp. Barricades & Fencing	\$ -	
01-510	Material Testing	\$ -	
01-610	Hoisting	\$ -	
01-620	Small Tools / Consumables	\$ -	
01-630	Equipment Rental	\$ -	
01-710	Dumpster / Trash Removal	\$ 4,000.00	
01-810	General Project Clean Up	\$ 1,100.00	
01-820	Final Clean	\$ 1,500.00	
01-910	As-Built Drawings	\$ -	
01-920	Close Out Documents	\$ -	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ 43,250.00

Item #	Description	Line Item Cost	Division Total
<b>02</b>	<b>Sitework</b>		
02-010	Demo - Slab Cut For MEP's	\$ 6,500.00	
02-020	Demo - General (Floors / Walls / Ceilings)	\$ 7,500.00	
02-030	Demo - Exterior Asphalt/Concrete	\$ -	
02-110	Shoring	\$ -	
02-510	Exterior - Asphalt	\$ -	
02-520	Exterior - Concrete	\$ -	
02-610	Landscaping	\$ -	
02-620	Irrigation	\$ -	
09-910	Maintenance of Traffic	\$ -	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ 14,000.00
<b>03</b>	<b>Concrete</b>		
03-010	Concrete - MEP Pour Back	\$ 7,200.00	
03-020	Concrete - General (Slab / Column / Beam)	\$ -	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ 7,200.00
<b>04</b>	<b>Masonry</b>		
04-010	Block Work	\$ -	
04-020	Brick Work	\$ -	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ -
<b>05</b>	<b>Metals</b>		
05-010	Structural Steel	\$ -	
05-510	SS Handrails (At Child Step)	\$ -	
05-520	SS Wall and Corner Trim	\$ 11,500.00	
05-530	SS Base	\$ 2,850.00	
05-540	SS Cap For Manager's Desk	\$ 1,200.00	
05-810	Access Ladder / Stairs	\$ -	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ 15,550.00
<b>06</b>	<b>Wood &amp; Plastics</b>		
06-010	Backing & Blocking	\$ 2,500.00	
06-510	Install POS Cabinets	Included	
06-610	Corian At Sneeze Guard	\$ 900.00	
06-810	Manager's Desk	Included	
Other	Carpentry	\$ 8,500.00	
Other			
Subtotal:			\$ 11,900.00



Item #	Description	Line Item Cost	Division Total
<b>07</b>	<b>Thermal &amp; Moisture Protection</b>		
07-010	Framing / Structural Support	\$ -	
07-020	Decking	\$ -	
07-110	Roofing	\$ 6,500.00	
07-210	Insulation	\$ 1,500.00	
07-510	Wall Cap	\$ -	
07-520	Gutters & Downspouts	\$ -	
07-530	Roof Curbs	\$ -	
07-810	Misc. Patching	\$ -	
07-820	Sealants & Caulking	\$ -	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ 8,000.00
<b>08</b>	<b>Doors &amp; Windows</b>		
08-010	HM Doors & Frames	\$ 4,580.00	
08-110	Store Front / Glass Doors	\$ -	
08-210	Door Hardware - General	\$ -	
08-220	Door Hardware - Mag Lock	\$ -	
08-510	Curtain Wall System	\$ -	
08-610	Sneeze Guard System	\$ 1,200.00	
08-710	Drive Thru Window	\$ 7,500.00	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ 13,280.00
<b>09</b>	<b>Finishes</b>		
09-010	Metal Stud Framing	\$ 17,500.00	
09-020	Drywall	\$ 11,500.00	
09-030	Concrete Board / Plywood	\$ -	
09-210	Floor Prep	\$ 1,200.00	
09-220	Tile - Floor	\$ 36,500.00	
09-230	Tile - Wall	Included	
09-410	Acoustical Ceilings	\$ 8,500.00	
09-510	FRP	\$ 7,500.00	
09-610	Exterior Siding	\$ -	
09-810	Painting - Interior	\$ 4,800.00	
09-820	Painting - Exterior	\$ -	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ 87,500.00

Item #	Description	Line Item Cost	Division Total
<b>10</b>	<b>Specialties</b>		
10-010	Install signage and graphics	Included	
10-110	Fire Extinguishers	\$ 650.00	
10-210	Toilet Accessories	\$ 800.00	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ 1,450.00
<b>11</b>	<b>Equipment</b>		
11-010	Oven / Hood Installation	\$ 4,500.00	
11-020	Walk-In Cooler Installation	\$ 4,000.00	
11-110	Kitchen Equip. Installation	Included	
11-120	Computer / Monitor Installation	Excluded	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ 8,500.00
<b>12</b>	<b>Furnishings</b>		
12-010	Shades	\$ -	
12-020	Window Tint	\$ -	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ -
<b>13</b>	<b>Special Construction</b>		
13-010	Ansul System	Excluded	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ -
<b>14</b>	<b>Conveying</b>		
N/A		\$ -	
Subtotal:			\$ -
<b>15</b>	<b>Mechanical</b>		
15-010	Plumbing	\$ 52,950.00	
15-020	Rinnai System	Included	
15-030	Gas Piping	Included	
15-040	Grease Interceptor	Included	
15-410	Fire Sprinkler System	Excluded	
15-700	HVAC	\$ 45,700.00	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ 98,650.00

Item #	Description	Line Item Cost	Division Total
<b>16</b>	<b>Electrical</b>		
16-010	Electrical	\$ 58,500.00	
16-110	Data Communications	Excluded	
16-210	Fire Alarm	Excluded	
Other		\$ -	
Other		\$ -	
Subtotal:			\$ 58,500.00
<b>17</b>	<b>Additional Costs</b>		
17-010	Permit	Excluded	
17-110	Sales Tax	Excluded	
17-120	Use Tax	Excluded	
17-510	Overhead	\$ 11,034.00	
17-520	Profit	\$ 25,745.00	
Other			
Other			
Subtotal:			\$ 36,779.00
<b>Total:</b>			<b>\$ 404,559.00</b>