

*****ATTACHMENTS*****

CITY OF SHEBOYGAN

REQUEST FOR CITY PLAN COMMISSION CONSIDERATION

ITEM DESCRIPTION: Conditional Use application by Jim DuBois to construct a new 2nd floor apartment at 832 N. 8th Street. CC Zone

REPORT PREPARED BY: Steve Sokolowski, Manager of Planning and Zoning

REPORT DATE: November 22, 2019 **MEETING DATE:** November 26, 2019

FISCAL SUMMARY:

Budget Line Item: N/A
Budget Summary: N/A
Budgeted Expenditure: N/A
Budgeted Revenue: N/A

STATUTORY REFERENCE:

Wisconsin Statutes: N/A
Municipal Code: N/A

BACKGROUND / ANALYSIS:

Jim DuBois is proposing to convert 2nd floor space into an apartment at DuBois Formalwear and Tuxedo Rental located at 832 N. 8th Street. The applicant states the following about the project:

- The second floor space of 832 N. 8th Street is currently vacant. The space has previously used as an apartment and prior to that was offices and storage.
- DuBois is proposing to convert this space into a 3-bedroom apartment.
- The owner will continue to operate DuBois Formalwear and Tuxedo Rental on the 1st floor.

STAFF COMMENTS:

It is staff understanding that the 2nd floor space is pretty much vacant with some 1st floor business storage use. Staff and the Plan Commission have been encouraging downtown living and the proposed conversion provides additional housing opportunities downtown.

It appears that the applicant is proposing to install two (2) balconies – one on the north side of the building (Niagara Avenue) and one on the west/back side of the building. The applicant indicates that a balcony is required on Niagara Avenue as a rescue platform to be used as the required 2nd exit by the building code. Instead of constructing a rescue jump platform or stairs the applicant thought they could accomplish the 2nd exit requirement by constructing a well-designed balcony that can be frequently used as an amenity.

Staff likes the idea of the balcony but the proposed balcony is crossing the property line onto City of Sheboygan Niagara Avenue Public Street right-of-way. Thus, the applicant will need to obtain an

encroachment from the City of Sheboygan to utilize the right-of-way for this balcony purpose. Staff does not object to the proposal.

It is critical for the applicant to understand that if the balcony is a required 2nd exit that issuance of an occupancy permit could be impacted unless the applicant obtains the encroachment in a timely fashion. Construction of the balcony (2nd access) cannot begin until the encroachment is obtained. Occupancy permit cannot be issued until all occupancy permit requirements have been met including construction of this required 2nd exit.

The applicant will need to work with the building inspection department regarding the conversion of the 2nd floor space into an apartment. Occupancy shall be granted only at such time as all permits and codes have been met.

It is staff understanding that this may be used as a short term rental apartment (vacation by owner). If operating as a short term rental, the applicant will be required to file the proper room tax paper work with the City of Sheboygan.

The Plan Commission may want to have the applicant address their plans regarding garbage. Presently, it appears there are no dumpsters on site. If the applicant intends on having a dumpster, the dumpster will need to be screened and enclosed.

ACTION REQUESTED:

Staff recommends approval of the conditional use permit subject to the following conditions:

1. Prior to building permit issuance, the applicant shall obtain all licenses/permits as well as meet all required codes including but not limited to building, plumbing, electrical, HVAC, fire, etc. An occupancy permit will be granted only at such time as the applicant has met all requirements.
2. If using dumpsters, dumpster(s) shall be screened/enclosed and constructed of like materials and colors of the facility. If using chain link fencing, the applicant shall install Privacy Decorative Slating (PDS) material in order to effectively screen the dumpster.
3. All ground level and rooftop mechanicals shall be screened and/or enclosed and constructed of like materials and colors of the facility (HVAC equipment, etc.).
4. Outdoor storage of materials, products or equipment shall be prohibited.
5. All lighting shall be installed per Section 15.707 of the City of Sheboygan Zoning Ordinance. There shall be no spillover light onto adjacent properties or the streets.
6. Applicant will provide adequate public access along streets and the parking lot/alley and will take all appropriate actions to minimize the time period that the street will be closed/affected.
7. It will be the applicant's responsibility to work with all private and public utilities in order to provide easements and/or relocate utilities as necessary.
8. Applicant shall obtain the necessary sign permits prior to installation. Proposed signage will be individual letter signs and shall meet the 8th Street design guidelines (no flat panel or interior lit cabinet signs).
9. Absolutely no portion of the new building and/or site improvements shall cross the property lines including but not limited to buildings, balconies, decks, foundations, walls,

gutters, eaves, roof, parking, fencing/retaining walls, signs, landscaping, etc. unless an encroachment is obtained permitting use of public right-of-way.

10. Applicant shall be required to obtain the necessary encroachment to construct the balcony as proposed on the north/Niagara Avenue wall. Applicant shall work with City Development and Engineering staff to determine the specifications that the proposed improvements shall meet. No building permits for the balcony construction shall be issued until such time as the encroachment has been obtained.
11. Any work within City of Sheboygan Public rights-of-way shall be discussed with the City Engineering Department and constructed to standard City specifications (including, but not limited to, new and old ingress/egress driveway openings, curb, gutter, sidewalk, pavement, utilities, street trees, grading, etc.).
12. If there are to be any exterior renovations to the facility, the applicant will be required to obtain Architectural Review Board approval prior to receiving a building permit for such renovation. The colors and materials are to complement/match the existing building.
13. If applicant leases space to additional tenants, the tenants shall obtain all necessary land use and building approvals/permits prior to occupancy (future uses and/or phases may require conditional use permits, building/mechanical permits, occupancy permits, etc.).
14. If operating as a short term rental, the applicant will be required to file the proper room tax paper work with the City of Sheboygan.
15. If there are any amendments to the site plan, the applicant will be required to submit a new conditional use application reflecting those amendments.

ATTACHMENTS:

Conditional Use Permit Application and required attachments.

PARCEL NO. 107150
MAP NO. _____
ZONING CLASSIFICATION: CC

Office Use Only
APPLICATION/FILE NO. _____
REVIEW DATE: 11/26/19

FILING FEE: \$250.00 (Payable to City of Sheboygan)

CITY OF SHEBOYGAN
APPLICATION FOR
CONDITIONAL USE PERMIT *rd*
Requirements Per Section 15.905
Revised May 2012

Completed application is to be filed with the Department of City Development, 828 Center Avenue, Suite 104. To be placed on the agenda of the City Plan Commission, application must be filed two weeks prior to date of meeting. Applications will not be processed if all required attachments and filing fee of \$250 (payable to the City of Sheboygan) is not submitted along with a complete and legible application. Application filing fee is non-refundable.

1. APPLICANT INFORMATION

APPLICANT: Jim DuBois

ADDRESS: 118 S. Washington Street B114 Green Bay WI 54301

E-MAIL: jdubois@duboisfw.com

PHONE: (920)-655-8228 FAX NO. ()

2. DESCRIPTION OF THE SUBJECT SITE/PROPOSED PROJECT

NAME OF PROPOSED/EXISTING BUSINESS: DuBois Formalwear Apartments

ADDRESS OF PROPERTY AFFECTED: 832 North 8th Street

LEGAL DESCRIPTION: The North 20 feet of the East One half (E 1/2) of Lot Two (2) and the North 20 feet of Lot One (1) in Block 127 of the original Plat of the City of Sheboygan, Sheboygan County, Wisconsin.

BRIEF DESCRIPTION OF EXISTING OPERATION OR USE: The existing 2nd floor is vacant. The formalwear store is located on the first floor.

DETAILED DESCRIPTION OF PROPOSED OPERATION OR USE INCLUDING ANY CHANGES TO THE EXISTING USE: Changing from a vacant space to a three bedroom apartment.

BRIEF DESCRIPTION OF ALL REQUESTED VARIANCES FROM PROVISIONS OF THE ZONING ORDINANCE, WHICH ARE RELATED TO THE PROPOSED OPERATION OR USE: Looking for a variance to allow the jump platform to extend out over the public right of way to allow for a second exit from the building.

3. JUSTIFICATION OF THE PROPOSED CONDITIONAL USE

Written justification for the proposed conditional use, indicating reasons why the applicant believes the proposed conditional use is appropriate.



November 08, 2019

City of Sheboygan
Department of City Development
828 Center Avenue
Sheboygan WI, 53081

Re: DuBois Building Second Floor Remodeling
Conditional Use Permit Process - Written Documentation

The following is the written documentation required by the city for the Conditional Use Permit Process specifically explaining/detailing the proposed use:

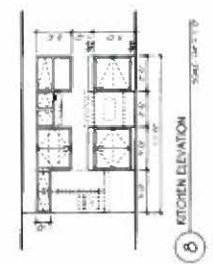
- An explanation of the existing/previous use.
The second floor space is currently vacant. The space was previously used as an apartment and prior to that was offices.
- An explanation of the proposed apartment use – how many apartments, how many bedrooms, parking, etc.
The proposed use is a second floor, three bedroom apartment.
- Why did you select this location?
The owner of the building operates a business on the first floor.
- Where are the apartments located in this building – please provide floor plan showing how the space is to be used (1st floor and 2nd floor - office, retail, apartments, etc.).
Please refer to the attached drawings.
- Explanation of jump platform/deck – why needed (use) and design (aesthetics).
The jump platform is required to meet UDC code requirements. Two means of egress are required from the apartment. We cannot get the second means of egress without the platform.
- Number of parking spaces - is their enough parking for clients, employees and tenants?
Public parking is located on adjacent street.
- How will you insure that the proposal will not become a nuisance to adjoining property owners (i.e. vehicles, equipment, lighting, noise, architectural style, outdoor storage of materials, garbage, etc.)?
We are in the process of coordinating this with neighboring owners and tenants.
- Any other information that will be useful for the Plan Commission to understand your proposed business.
Nothing at this time.

Thank you,
Raymond Rodenbeck

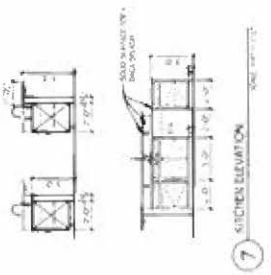
311 East Chicago Street
Suite 310
Milwaukee, WI 53202

p. 414-276-1760
f. 414-276-1764

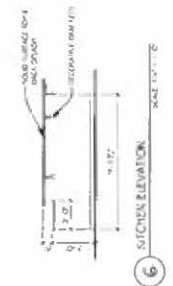
www.sha-s2k.com



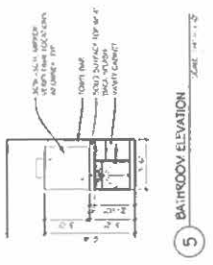
8 KITCHEN ELEVATION
SCALE: 1/8"



7 KITCHEN ELEVATION
SCALE: 1/8"



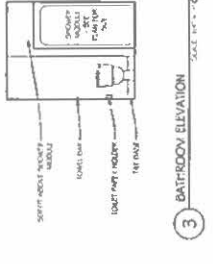
6 KITCHEN ELEVATION
SCALE: 1/8"



5 BATHROOM ELEVATION
SCALE: 1/8"



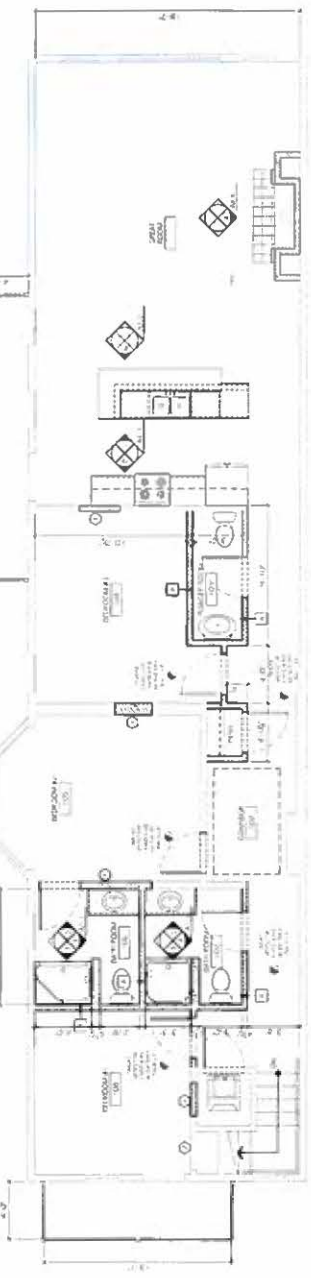
4 BATHROOM ELEVATION
SCALE: 1/8"



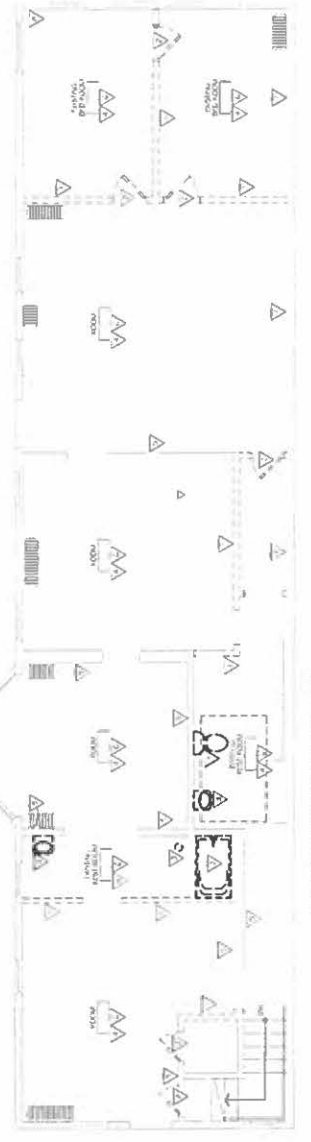
3 BATHROOM ELEVATION
SCALE: 1/8"

FLOOR PLAN COORD NOTES

1. ALL DIMENSIONS ARE GIVEN UNLESS OTHERWISE NOTED.
2. FINISH FLOOR TO FINISH FLOOR UNLESS OTHERWISE NOTED.
3. FINISH FLOOR TO FINISH FLOOR UNLESS OTHERWISE NOTED.



2 PROPOSED FLOOR PLAN
SCALE: 1/8"



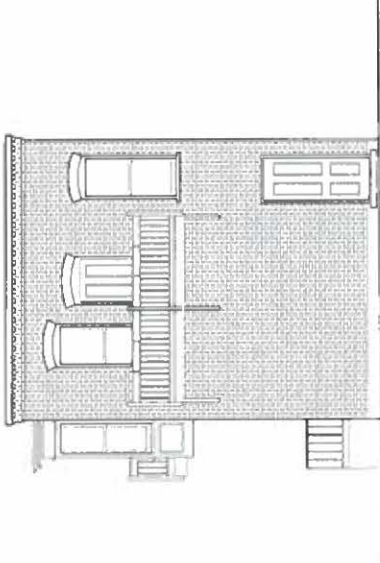
1 EXISTING FLOOR PLAN
SCALE: 1/8"

DEMOLITION GENERAL NOTES:

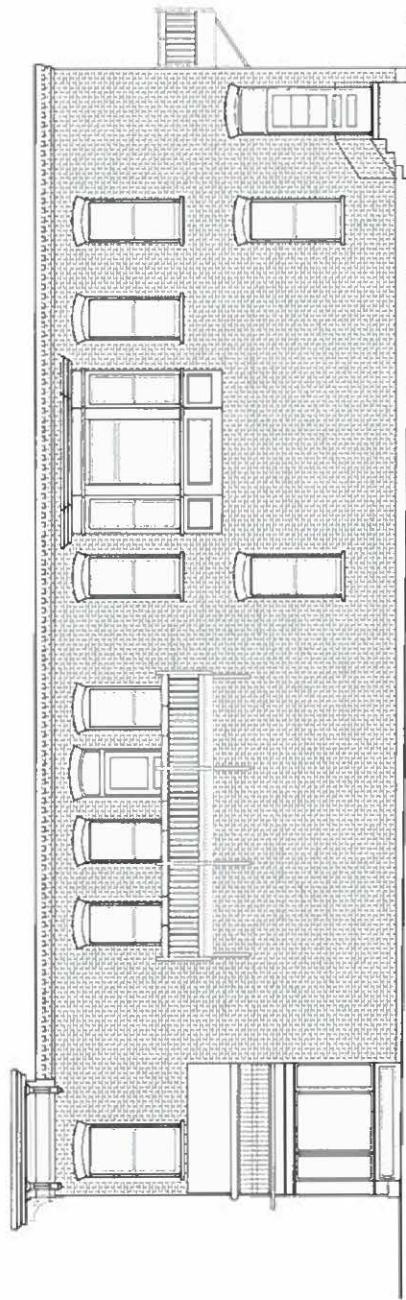
1. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
2. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
3. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
4. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
5. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
6. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
7. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
8. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
9. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
10. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
11. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
12. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
13. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
14. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.

DEMOLITION COORD NOTES:

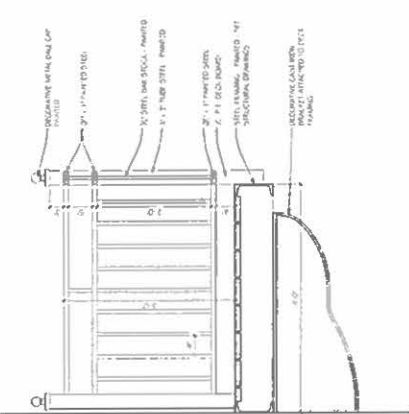
1. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
2. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
3. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
4. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
5. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
6. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
7. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
8. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
9. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
10. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
11. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
12. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
13. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.
14. ALL EXISTING DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF CHICAGO DEMOLITION ORDINANCE AND ALL APPLICABLE REGULATIONS.



WEST ELEVATION

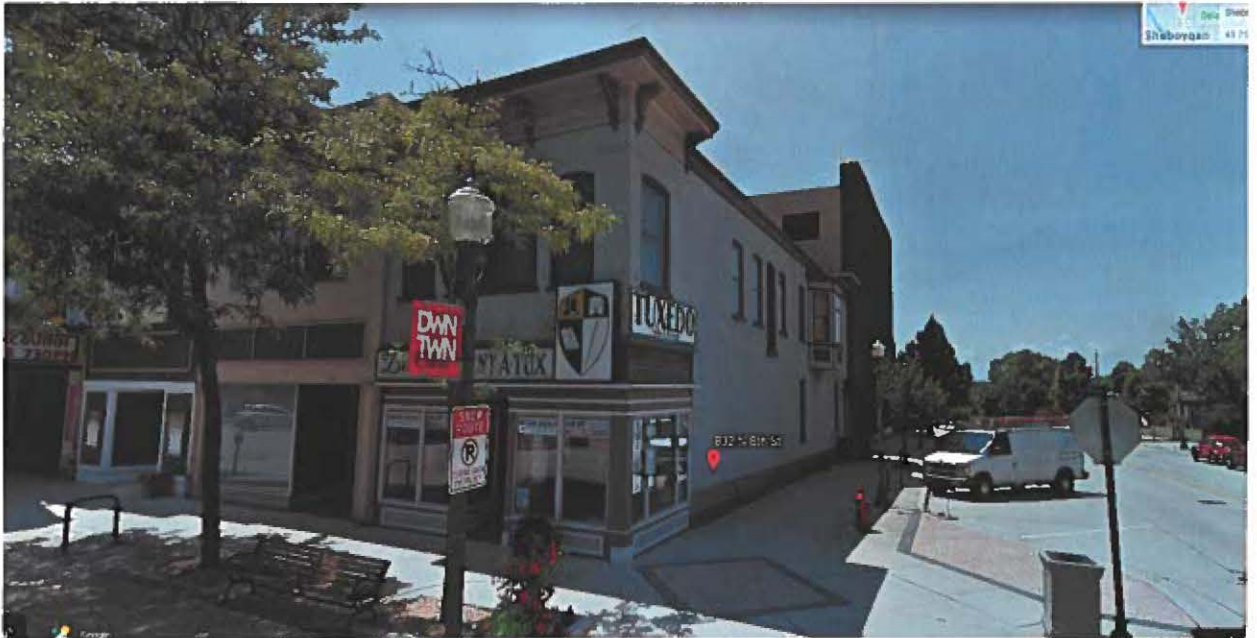


NORTH ELEVATION



1 BALCONY DETAIL





CITY OF SHEBOYGAN

REQUEST FOR CITY PLAN COMMISSION CONSIDERATION

ITEM DESCRIPTION: Conditional Use Permit and variance application by Ma De Jesus Alvarado - Vital to locate Tacos Maria food truck in the Citgo parking lot located at 610 S. 14th Street. NC Zone

REPORT PREPARED BY: Steve Sokolowski, Manager of Planning and Zoning

REPORT DATE: November 22, 2019

MEETING DATE: November 26, 2019

FISCAL SUMMARY:

Budget Line Item: N/A
Budget Summary: N/A
Budgeted Expenditure: N/A
Budgeted Revenue: N/A

STATUTORY REFERENCE:

Wisconsin Statutes: N/A
Municipal Code: N/A

BACKGROUND / ANALYSIS:

Ma De Jesus Alvarado - Vital is proposing to locate Taco Maria's food truck in the northwest corner of the Citgo parking lot at 610 S. 14th Street. The applicant states:

- We are attempting to gain approval to operate Maria's Taco food truck from the Citgo parking lot at 610 S. 14th Street. We recently purchased our food truck and are looking to establish our food truck business in the City of Sheboygan and very much want to serve the residents within the City.
- We hope to bring the real authentic Mexican cuisine and flavors to the Sheboygan area. We originate from Durango, Mexico and have countless years preparing these flavorful dishes. We have also been a part of the Sheboygan community for over 10 years and although we have other Mexican vendors/restaurants, we have not found authenticity like the one we have to offer. We hope to bring more options as far as Mexican cuisine and the different flavors it has to offer.
- Our regular menu will consist of homemade gorditas, sopas, tortas, quesadillas, burritos, nachos, flautas, tacos, elote (corn), and tamales. Winter drinks will include champurrado, chocolate, and ponche and these traditional warm drinks make our customers feel cozy and delighted during the cold weather.
- We will operate six (6) days a week from 11am-9pm on Monday-Wednesday and 11am-10pm Thursday-Saturday. We will open as soon as approved.

- The proposed site has approximately eight (8) parking stalls on the site – four (4) on the north and four (4) on the south sides of the convenience store. The food truck will be parked at the northwest corner of the parking lot utilizing all of the parking located on the north side of the convenience store. Thus, the four (4) parking spaces on the south side of the store along the alley will remain available for customers.
- We will insure that the mobile food stand does not become a nuisance to the neighboring property owners by picking up trash daily and putting away all related equipment daily. The small space in the trucks mean we currently have to clean up as we go and operate as efficiently as possible.

STAFF COMMENTS:

Applicant has taped temporary menu items on both faces of the Citgo monument sign (east side of sign closest to 14th Street). Staff will be recommending that these signs be removed from the monument sign.

Applicant is requesting a variance to operate the taco stand permanently from the site – temporary stands are permitted to operate 12 days a year.

ACTION REQUESTED:

Staff recommends approval of the conditional use and variance subject to the following conditions:

1. Applicant will be required to meet and/or obtain all codes, requirements, licenses, etc. to operate the food truck including but not limited to building, electrical, plumbing, HVAC, fire, health, food, vendors, etc.
2. Applicant shall obtain all necessary County Health Department licenses/permits to operate the food truck and the interior seating.
3. Food truck shall not obstruct pedestrian or vehicular circulation, including vehicular sight distances (vision triangle requirements of Section 15.703 of the City of Sheboygan Zoning Ordinance).
4. Applicant shall immediately remove their temporary signage from the existing monument sign. No temporary signage and/or fluttering, undulating, swinging, rotting, or otherwise moving signs, pennants, banners or other decorations shall be permitted on the building or in the area around the food truck.
5. No portion of the operation shall take place upon the City of Sheboygan public right-of-way or on adjacent properties – operation shall remain on the private property.
6. This conditional use permit is for Maria's Food Truck only. No other temporary use is permitted to operate from the site. This conditional use permit is not transferable and any future food truck proposal would be required to obtain a conditional use permit to operate from this property.
7. If the applicant wishes to operate from the City public right-of-way or from another private commercial property they will need to obtain the necessary permits/approvals to do so.
8. Applicant shall adequately monitor/regulate and maintain this property.

9. In no instance shall the food stand create a nuisance for neighboring properties (noise, hours of operation, garbage, etc.). If any issues arise, the Plan Commission may again review the conditional use permit.
10. If there are any amendments to the approved plans, the applicant will be required to submit a new conditional use application reflecting those amendments.

ATTACHMENTS:

Conditional Use Permit Application and required attachments.

PARCEL NO. _____
MAP NO. _____
ZONING CLASSIFICATION: _____

Office Use Only

APPLICATION/FILE NO. _____
REVIEW DATE: _____

FILING FEE: \$250.00 (Payable to City of Sheboygan)

**CITY OF SHEBOYGAN
APPLICATION FOR
CONDITIONAL USE PERMIT**
Requirements Per Section 15.905
Revised May 2012

Completed application is to be filed with the Department of City Development, 828 Center Avenue, Suite 104. To be placed on the agenda of the City Plan Commission, application must be filed two weeks prior to date of meeting. Applications will not be processed if all required attachments and filing fee of \$250 (payable to the City of Sheboygan) is not submitted along with a complete and legible application. Application filing fee is non-refundable.

1. APPLICANT INFORMATION

APPLICANT: Ma De Jesus Alvarado-Vital
ADDRESS: 1508 Superior Ave E-MAIL: maria.vitalcisneros@gmail.com
PHONE: (202) 377-0574 FAX NO. ()

2. DESCRIPTION OF THE SUBJECT SITE/PROPOSED PROJECT

NAME OF PROPOSED/EXISTING BUSINESS: Tacos Maria
ADDRESS OF PROPERTY AFFECTED: 610 S. 14th St Sheboygan
LEGAL DESCRIPTION: Taco Truck

BRIEF DESCRIPTION OF EXISTING OPERATION OR USE: Taco truck
is operating out of the City Gas Station on 14th S

DETAILED DESCRIPTION OF PROPOSED OPERATION OR USE INCLUDING ANY CHANGES TO THE EXISTING USE: _____

BRIEF DESCRIPTION OF ALL REQUESTED VARIANCES FROM PROVISIONS OF THE ZONING ORDINANCE, WHICH ARE RELATED TO THE PROPOSED OPERATION OR USE: _____

To whom it may concern,

We are a family hoping to operate off, 610 S. 14th St., Sheboygan, WI 53081. We would be located in the parking lot of Citgo. What we offer to both the business and the gas station is the following, the gas station would continue profiting from their loyal customers and the customers that we attract. Therefore, we would increase the sales for both.

The site where we hope to station ourselves has the option of purchasing gas and has additional parking on the side as well. We have been able to station ourselves appropriately on the North side of the gas station. With that being said, there would be an available amount of parking left for customers. There would be 5 available parking spaces where customers would be able to park comfortably without the vehicle being in their way. For the customers who walk to the gas station, there is plenty of space for them to walk. Due to the fact that we do not block their path neither, which allows the passage to and from the store.

We decided to station there since there is a huge gap as far as food option. The location would be the mid-point to and from other food vendors. The other closest food vendors are located on Erie Ave. and Indiana Ave. We have also realized that the community would appreciate something in walking distance, based on the foot traffic. Our main focus is to make our customers happy by fulfilling their hunger. We promise to keep our focus on keeping the finest ingredient sold locally. Therefore keeping business in Sheboygan.

We hope to bring the real "authentic" Mexican cuisine and flavors to the Sheboygan area. We originate from Durango, MX, and have countless years preparing these flavorful dishes. We have also been a part of the Sheboygan community for over 10 years and still counting. Although we have other Mexican vendors/restaurants, we have not found authenticity like the one we have to offer. Stating that, I would like to clarify that we do not intend to make it a competition with other similar food vendors. We hope to bring more options as far as Mexican cuisine and the different flavors it has to offer.

Our regular menu would consist of, homemade gorditas, sopes, tortas, quesadillas, burritos, nachos, flautas, tacos, elote (corn), and tamales. Our menu would apply champurrado, chocolate, and ponche, these would be our winter drinks. The drinks are to make our customers feel cozy during the cold weather, and can be delighted with our traditional warm drinks keeping them in mind. We would operate 6 days a week, leaving Sunday for family. That would allow us to open from 11am-9pm, Monday–Wednesday, and 11am-10pm Thursday-Saturday. We would like to open as soon as approved.

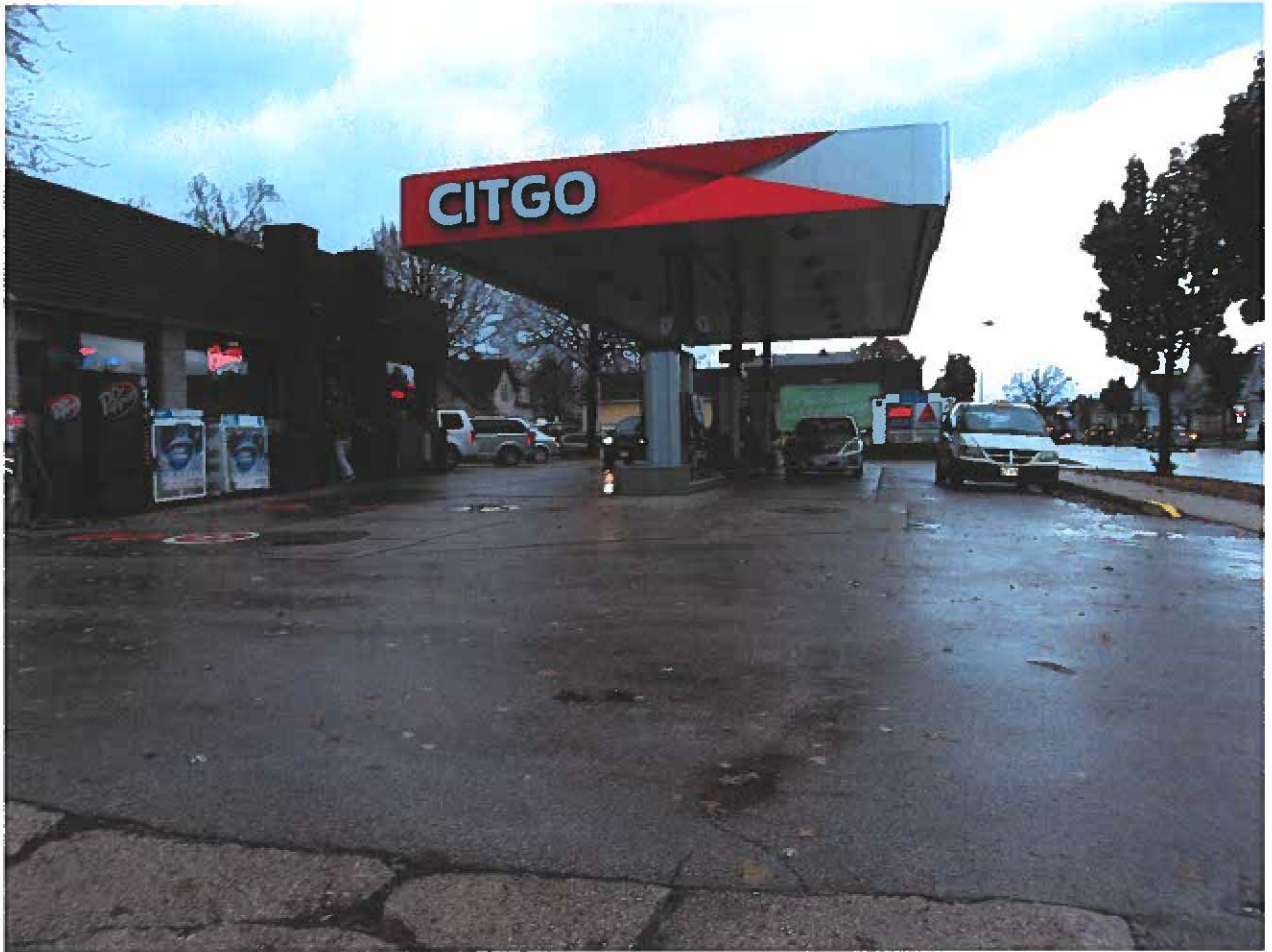
Please consider our request to operate our family food truck. If you have any questions or concerns please let us know, we will gladly do our best to comply with anything that is needed from us.

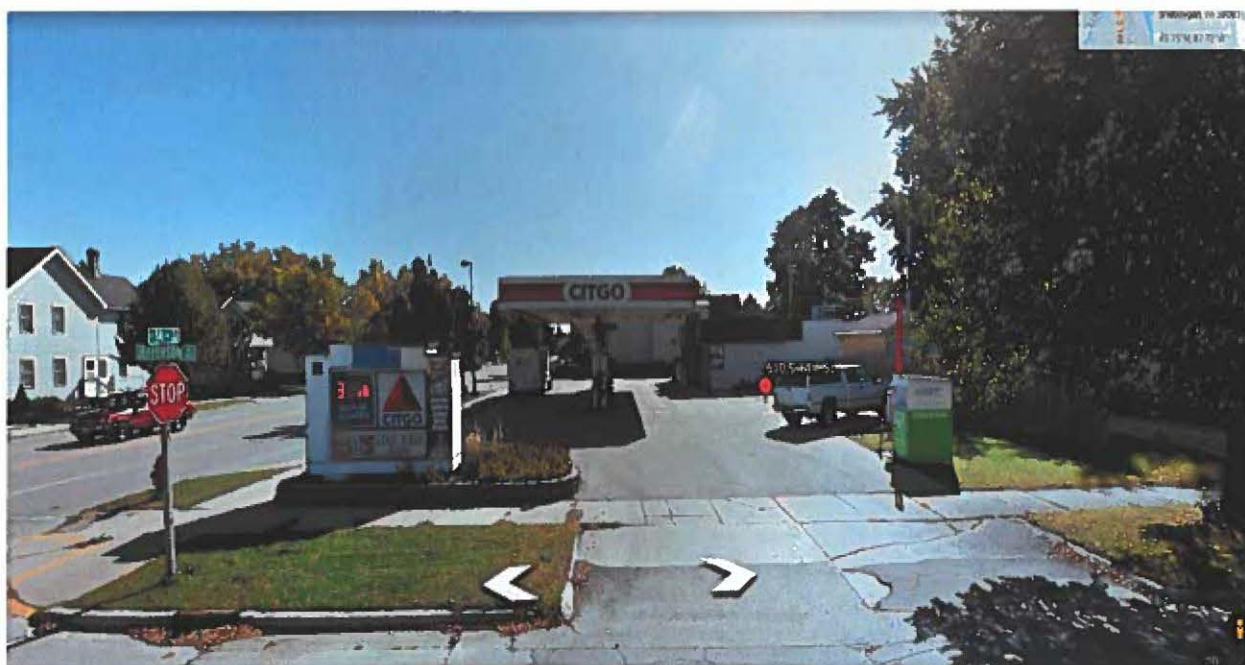
Thank You,

Maria's Tacos

(920)377-0574













Tara's Maria 020 277 0574

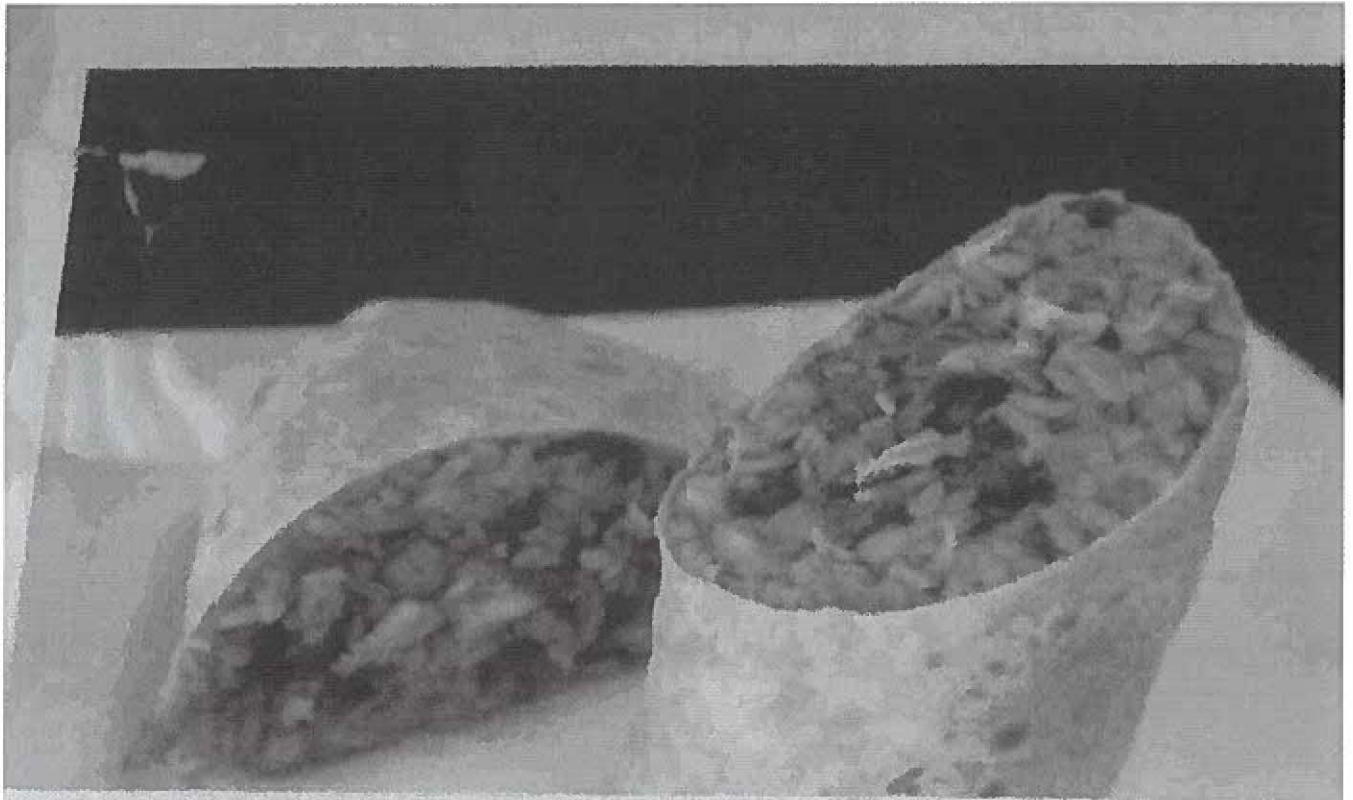
Small menu items and prices listed on the left side of the menu board.

Small menu items and prices listed in the middle of the menu board.

Small menu items and prices listed on the right side of the menu board.

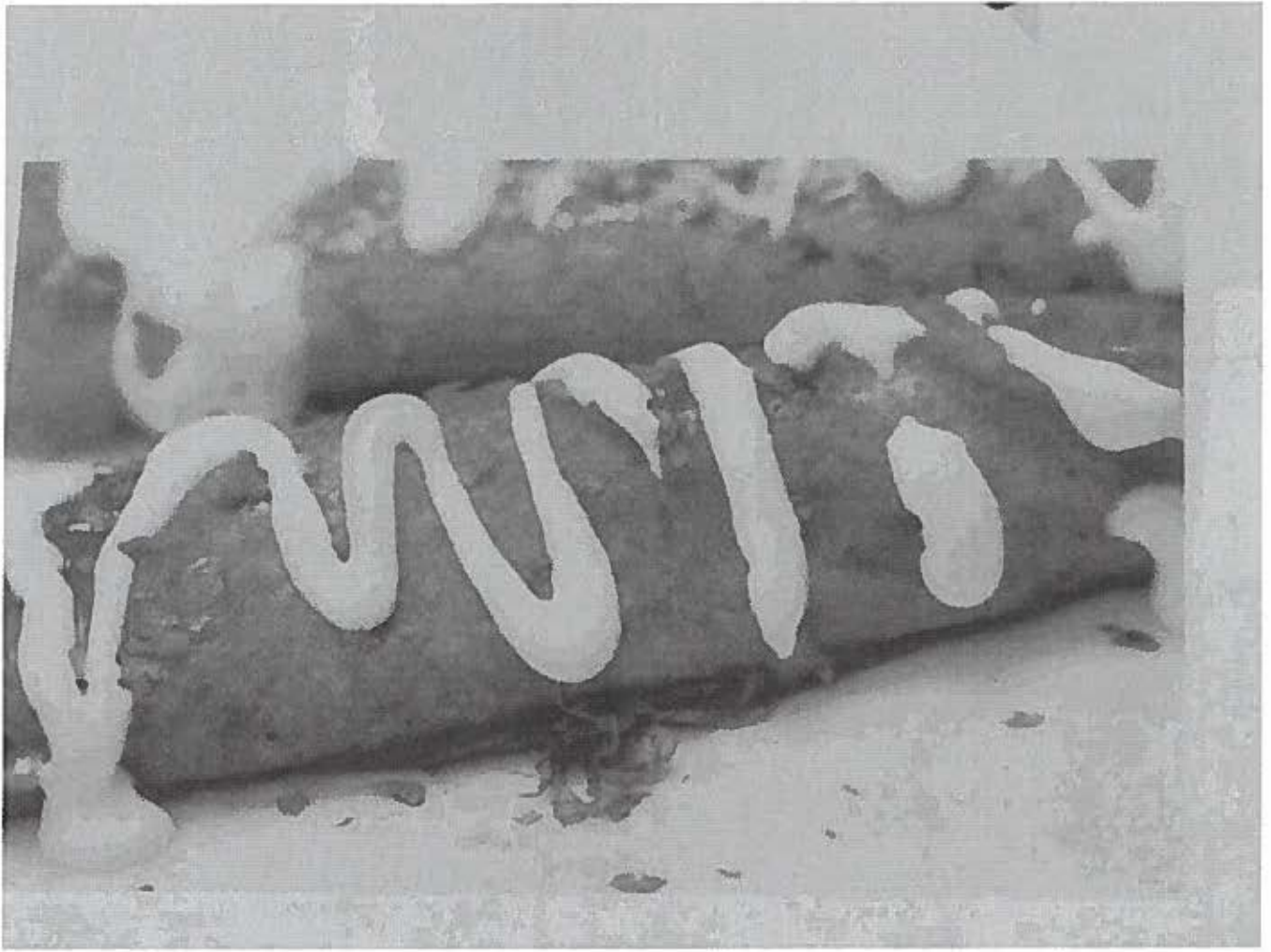


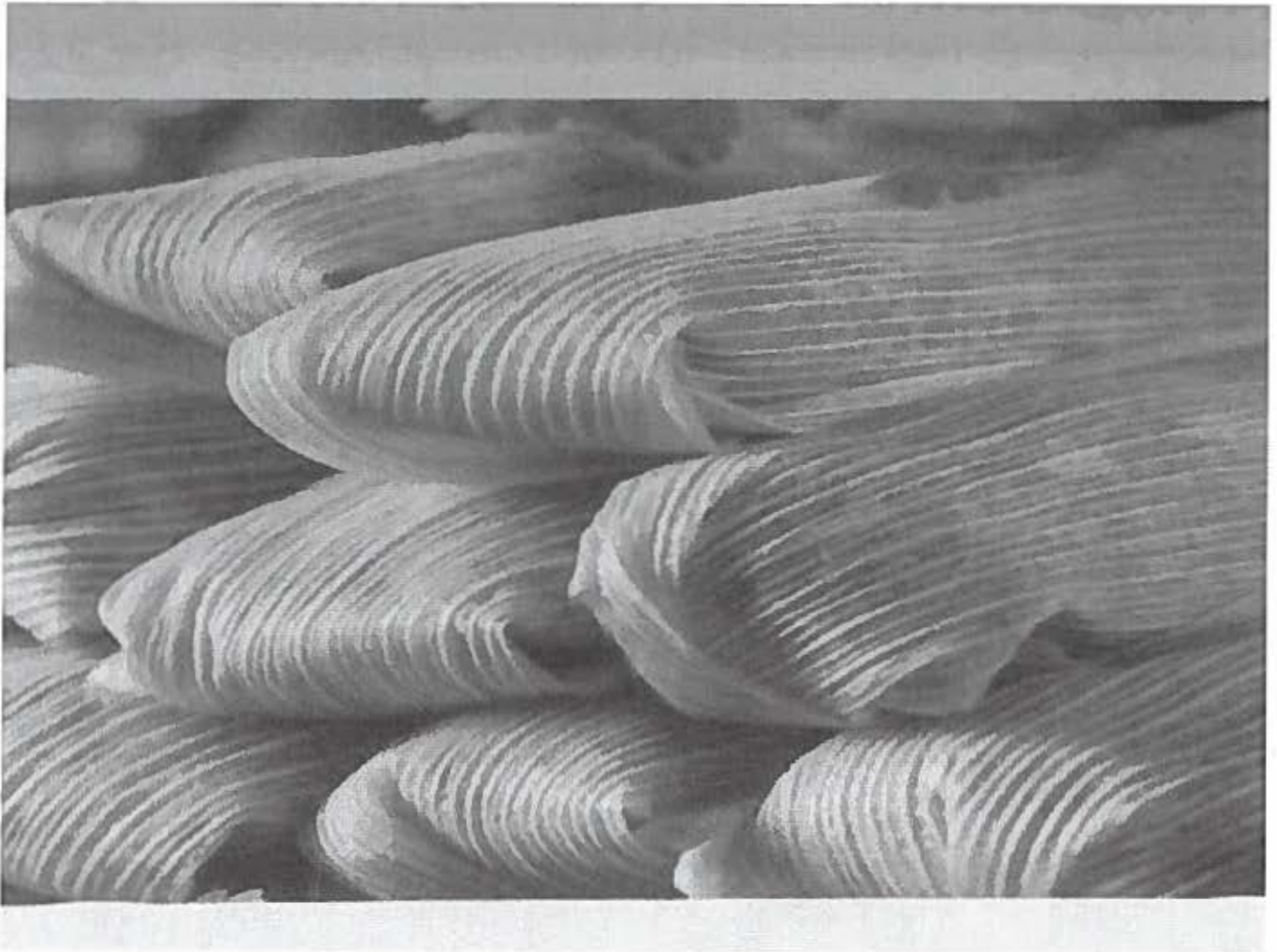


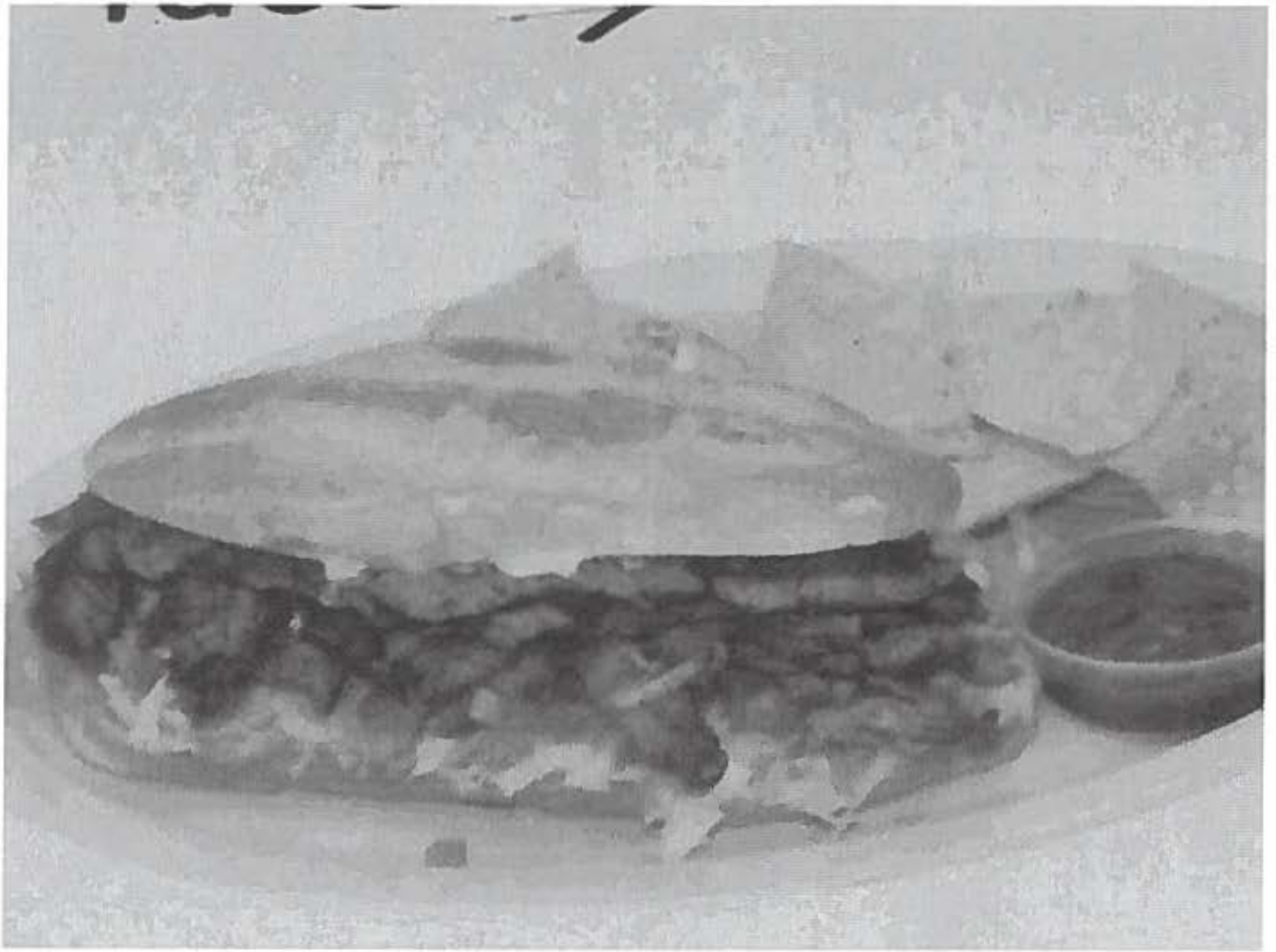


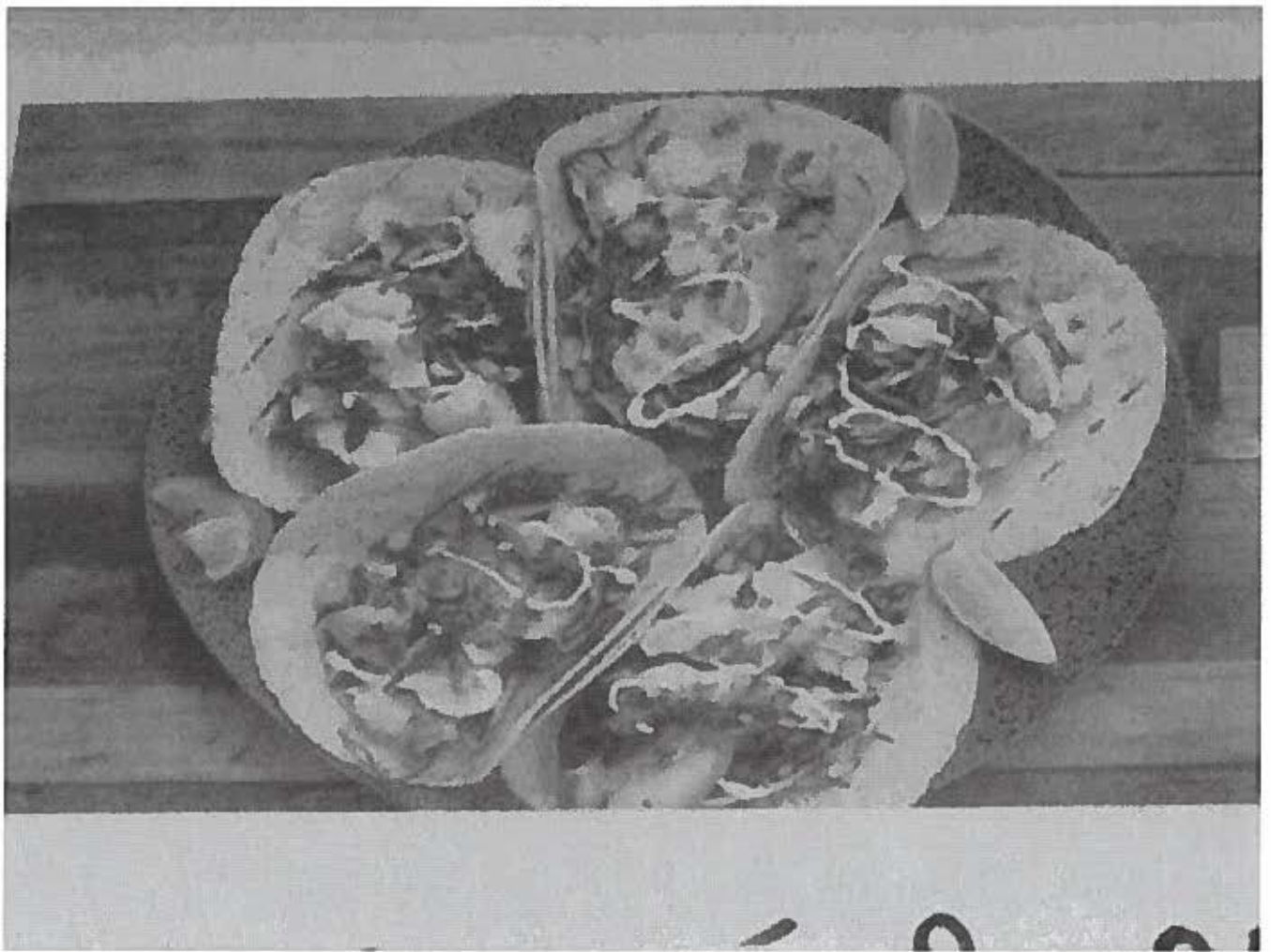
Burrito \$ 2.99











100

CITY OF SHEBOYGAN

REQUEST FOR CITY PLAN COMMISSION CONSIDERATION

ITEM DESCRIPTION: Site Plan application by the Vollrath Company to replace hydrogen and nitrogen tanks at their facility located at 1236 N. 18th Street. SI Zone

REPORT PREPARED BY: Steve Sokolowski, Manager of Planning and Zoning

REPORT DATE: November 22, 2019

MEETING DATE: November 26, 2019

FISCAL SUMMARY:

Budget Line Item: N/A
Budget Summary: N/A
Budgeted Expenditure: N/A
Budgeted Revenue: N/A

STATUTORY REFERENCE:

Wisconsin Statutes: N/A
Municipal Code: N/A

BACKGROUND / ANALYSIS:

Vollrath is proposing to construct new hydrogen and nitrogen tanks at their facility located at 1236 N 18th Street. The applicant states the following about the proposal:

- The Vollrath Holding Tank Project is a very time sensitive project aimed to prepare their facility to enter a new contract with a new gas company. Vollrath's current contract with their gas, holding tank & equipment supplier is due to expire on January 1st of 2020. Once Vollrath's current contract is up the gas company will remove all gas equipment from their existing locations. Vollrath's new supplier needs to have their equipment operational by this date otherwise operations at Vollrath will stop.
- The new gas supplier and equipment company is proposing to prep areas next to the existing tanks sites for the new liquid hydrogen and nitrogen tanks and equipment. This includes new concrete pads and bollards for equipment protections.
- The use of the tanks remains the same. The liquid hydrogen and liquid nitrogen are used in Vollrath's annealing process to crease an ideal atmosphere of gasses in their ovens. This ideal atmosphere is helpful in a way that it allows their ovens to reach a higher desired temperature. Without these gasses the ovens would not run effectively.
- There will be two concrete slabs ranging from 8 – 24 inches thick with rigid insulation below to support a 20,000 gallon liquid hydrogen tank and its associated equipment and an 11,000 gallon liquid nitrogen tank and its associated equipment.

- The nitrogen tank is approximately 33 feet high by 10 feet wide. The tank will be painted white in color. The nitrogen location is remaining the same being tucked behind a portion of their building making it practically unnoticeable.
- The hydrogen tank is approximately 52 feet high by 11 feet wide. The tank will be painted white in color. The vertical hydrogen location is remaining in the same area and will now be more visible compared to the two (2) horizontal tanks. To the north of the hydrogen location is the SEAS facility and existing mature evergreen trees that are currently used to shield the existing equipment. There are also multiple mature deciduous trees directly to the east of the existing location. To the south and west are other Vollrath facilities. The plan is to use these existing facilities and trees to shield the new tank and equipment.
- Located at the hydrogen area will be one 20 foot high light pole with one fixture on it focused on the loading area for the tank. This is to help tankers safely navigate next to the tank and hook equipment up. This fixture will have a photo-eye sensor and will be positioned in such a way that does not shine light towards Superior Avenue to the North. It shall be shining directly West where any additional light will be blocked by Vollrath other structures.
- Exterior fencing will be erected around the hydrogen tank per manufacturer requirements for security. This chain link fence will be six (6) foot high with one (1) foot of barbed wire on top. It will also include two entrances to gain access to the tank and tank equipment. There will be one four (4) foot wide man gate and one six (6) foot wide sliding gate at the front for filling the tanks.

Vollrath is proposing the approximately 52 foot tall hydrogen tank because it provides additional safety measures compared to the present two (2) horizontal tanks that include:

- One (1) set of tank safety systems compared to two (2) for multiple tanks decreases safety risks.
- The system is designed to "Fail Safe" meaning all the safety devices for the tank are at the top of the tank. Hydrogen is lighter than air and releasing this gas at the top will not ham, the atmosphere once dispersed safely away from ground level.
- The overall height of the vent tube allows a safer discharge if the tanks were to build pressure and trip the safety devices.

STAFF COMMENTS:

The proposed hydrogen tank will be visible at 52 feet. Presently, there are two (2) lower tanks at the site. The site will be surrounded by Vollrath and SEAS buildings varying in height from 20 to 30 feet tall. In addition, the hydrogen tank is to be located in an area that is somewhat shielded by some mature landscaping.

The new 52 foot vertical tank will stand taller than the surrounding buildings and landscaping and will be much more visible compared to the two existing horizontal tanks.

Applicant is installing a six (6) foot high fence with barbwire around the hydrogen tank (fence will be 7 feet tall).

Appears that the hydrogen tank is presently accessed by a gravel driveway. Any areas for parking/maneuvering of vehicles are to be paved.

Vollrath is also replacing a nitrogen tank. That tank is of similar size and is located directly on the west side of the facility by the City storm water facility. This tank is not very visible to streets or neighborhoods.

ACTION REQUESTED:

Staff recommends approval of the site plan, subject to the following conditions:

1. Applicant shall obtain all necessary permits for the construction of the tank as well as all necessary permits for the storage of hazardous chemicals (applicant shall be in contact with building inspection, fire and police departments, etc.). Applicant is responsible to insure that the proposed tanks meet all Federal, State and local codes.
2. Submittal/approval of a proposed storm drainage plan, if necessary.
3. The uses shall meet all zoning requirements including but not limited to noise, vibration, hazardous materials, etc.
4. All new lighting shall be installed per Section 15.707 of the City of Sheboygan Zoning Ordinance (site lighting, building lighting, tower, light poles, etc.). There shall be no spillover light onto adjacent properties or the streets.
5. Fencing shall be installed per Section 15.720(3)(c) of the City of Sheboygan Zoning Ordinance. Applicant will obtain required fence permit.
6. All areas used for parking/maneuvering of vehicles shall be paved.
7. All areas that are not required to be paved shall be landscaped with grass and/or approved landscaping.
8. Applicant is responsible for working with all private and public utilities in order to adequately service this tank proposal.
9. If there are any amendments to the approved site plan, the applicant will be required to submit a new conditional use application reflecting those amendments.

ATTACHMENTS:

Site Plan Application and required attachments.

PARCEL NO. 214074
MAP NO. _____
ZONING CLASSIFICATION: SI

Office Use Only
DATE SUBMITTED: _____
REVIEW DATE: 11/26/19

FILING FEE: \$100.00 (Payable to City of Sheboygan)

CITY OF SHEBOYGAN
SITE PLAN REVIEW APPLICATION
(Requirements Per Section 15.908)
Revised May, 2018

Completed application must be filed with the Department of City Development, 828 Center Avenue, Suite 104. To be placed on agenda of the City Plan Commission, application must be filed two weeks prior to date of meeting. Applications that are not complete or that are not legible will not be accepted. Application filing fee is non-refundable.

1. APPLICANT INFORMATION

APPLICANT: ACHappa Construction, LLC
ADDRESS: 443 North Main St, Sheboygan Falls, WI 53085
E-MAIL: Tyler@achappaconstruction.com
PHONE: (920)467-2212 FAX NO.: ()

2. DESCRIPTION OF THE SUBJECT SITE/PROPOSED PROJECT

NAME OF PROPOSED/EXISTING BUSINESS: The Vollrath Co.
ADDRESS OF PROPERTY AFFECTED: 1236 N 18th St, Sheboygan
LEGAL DESCRIPTION: _____

BRIEF DESCRIPTION OF EXISTING OPERATION OR USE: _____

Existing Hydrogen Tank and Nitrogen Tanks Help Vollrath In Regulate Their Annealing Process By Creating A Desirable "Atmosphere" In Their Process Ovens To Increase Oven Temperatures. Vollrath's Current Gas Supplier & Equipment Contract Is Reaching An End.

BRIEF DESCRIPTION OF PROPOSED OPERATION OR USE: Vollrath Is Moving Forward With A Different Gas Supplier And Equipment Company Which Will Require Them To Prep An Identical Area For A New Liquid Hydrogen Tank & Equipment & A New Liquid Nitrogen Tank & Equipment. This Includes New Concrete Pads & Bollards For Equipment Protections. The Use Of The Two Systems Is Not Changing From Its Current Use.

Project Intensions

The Vollrath Holding Tank Project is a very time sensitive project aimed to prepare their facility to enter a new contract with a new gas company. Vollrath's current contract with their gas, holding tank & equipment supplier is due to expire on January 1st of 2020. Once Vollrath's current contract is up the gas company will remove all gas equipment from the slabs they are on. Vollrath's new supplier needs to have their equipment operational by this date otherwise operations at Vollrath are halted.

The liquid hydrogen and liquid nitrogen are used in Vollrath's annealing process to crease an ideal atmosphere of gasses in their ovens. This ideal atmosphere is helpful in a way that it allows their ovens to reach a higher desired temperature. Without these gasses the ovens would not run effectively.

The intent of this project on the Vollrath Sheboygan Campus is to support the new tanks and equipment with foundations and to create security around them with bollards and a fence around the liquid hydrogen location. These new slabs will be located right next to the existing gas equipment to keep processes the same and to minimize work before the new equipment arrives. The location of these structures was also to remain the same as they help provide additional shielding of the tanks and equipment from nearby streets or businesses. To the north of the hydrogen location are existing mature evergreen trees that are currently used to shield the existing equipment. There are also multiple mature deciduous trees directly to the East of the existing location. The plan is to use these existing trees to shield the new tank and equipment. The nitrogen location is also remaining the same being tucked behind a portion of their building making it practically unnoticeable.

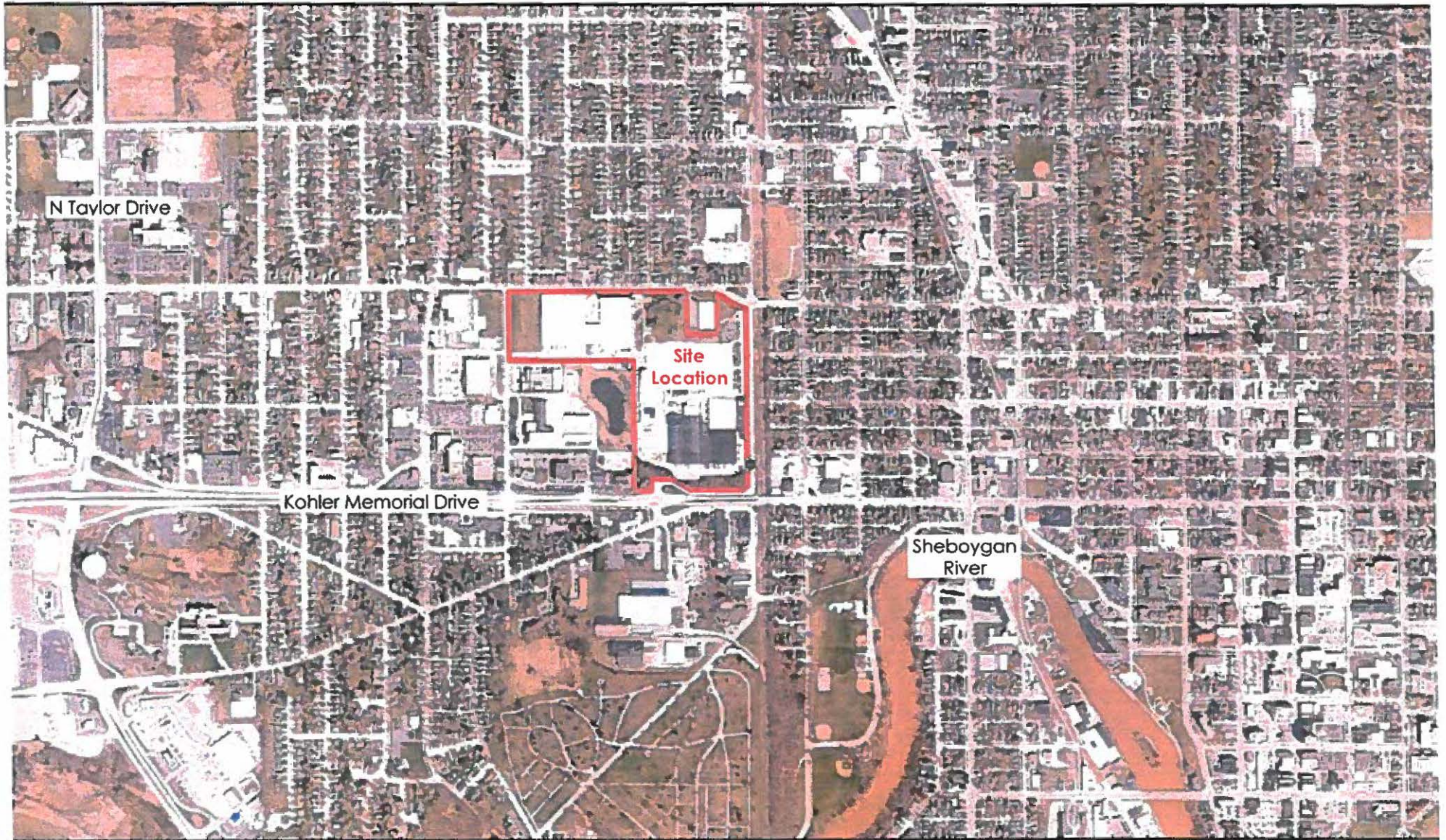
Located at the hydrogen area will be one light pole 20' high with one fixture on it focused on the loading area for the tank. This is to help tankers safely navigate next to the tank and hook equipment up. This fixture will have a photo-eye sensor and will be positioned in such a way that does not shine light towards Superior Ave to the North. It shall be shining directly West where any additional light will be blocked by Vollrath owner structures.

Exterior fencing will be erected around the hydrogen tank per manufacturer requirements for security. This chain link fence will be 6' high with 1' of barbed wire on top. It will also include two entrances to gain access to the tank and tank equipment. There will be one 4' wide man gate and one 6' wide sliding gate at the front for filling the tanks.

Vollrath is planning to use the 51'8" tall hydrogen tank as its provides additional safety measures. The reasoning and thought behind a single vertical tank verses 2 horizontal tanks is purely safety related. Below are reasons this was chosen:

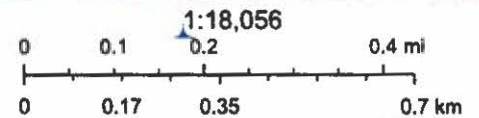
1. One (1) set of tank safety systems compared to two (2) for multiple tanks decreases safety risks.
2. The system is designed to "Fail Safe" meaning all the safety devices for the tank are at the top of the tank. Hydrogen is lighter than air and releasing this gas at the top will not harm the atmosphere once dispersed safely away from ground level.
3. The overall height of the vent tube allows a safer discharge if the tanks were to build pressure and trip the safety devices.

Site Location Map - Vollrath Company



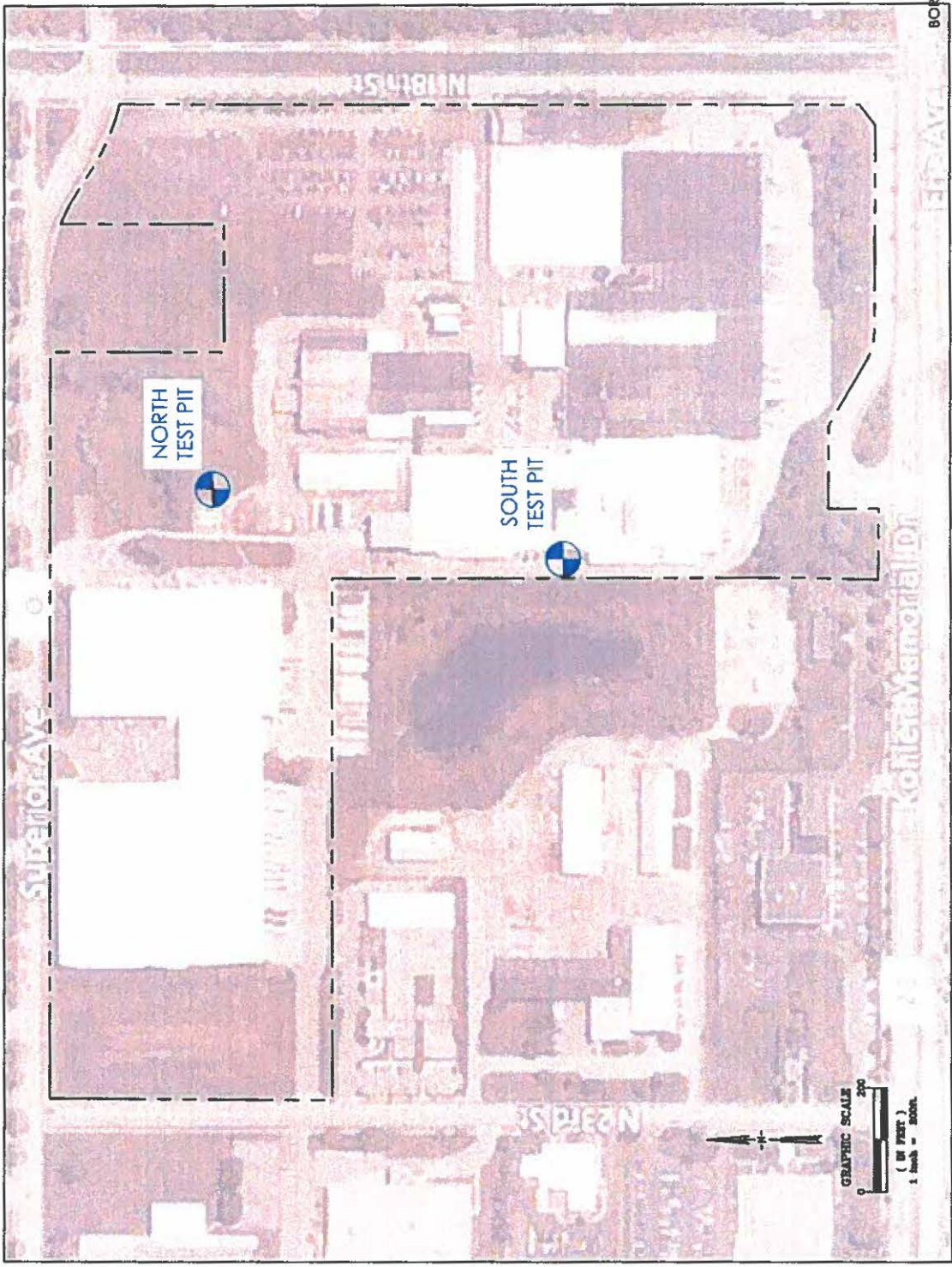
1/7/2019, 12:56:43 PM

lrrthos2019



Sources: Esri, HERE, Garmin, FAO, NOAA, USGS, OpenStreet contributors, and the GIS User Community

BORING LOCATION MAP



ALL RIGHTS RESERVED. This drawing is prepared to be used in electronic (computer) format. It is not to be used for any other purpose. The user of this drawing is responsible for its use. The user of this drawing is responsible for its use. The user of this drawing is responsible for its use.

Looking NE At Existing Hydrogen Area



Looking North At Existing Hydrogen Area



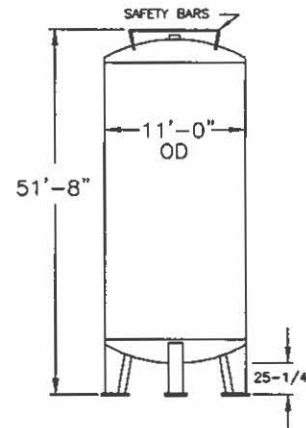
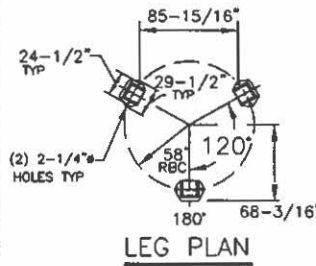
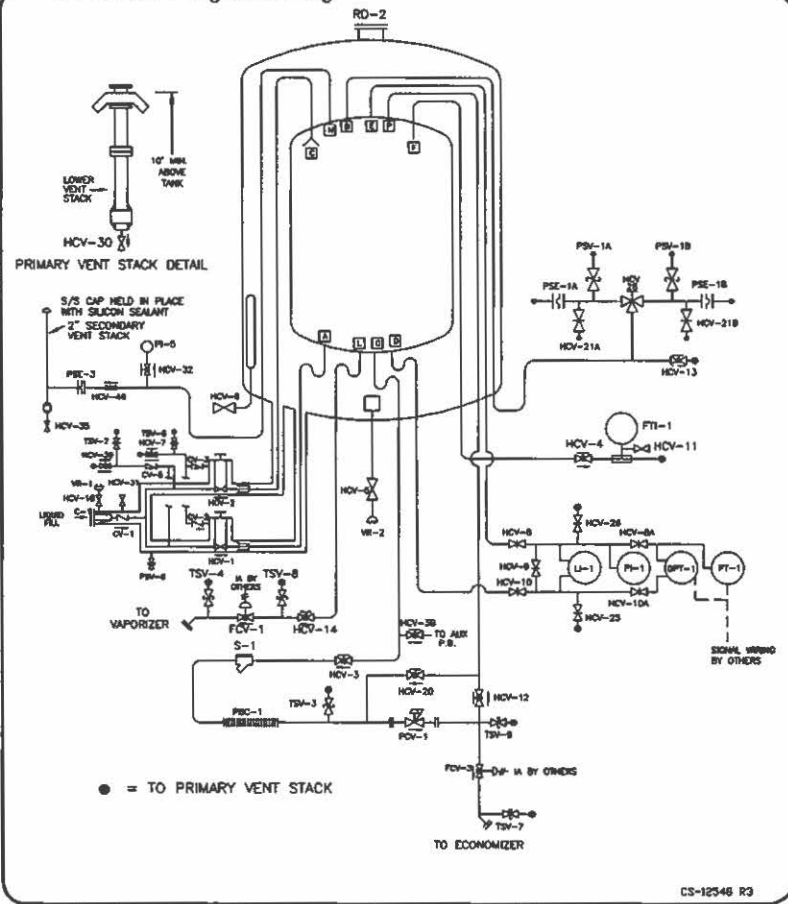
Looking NE At New Hydrogen Area



Existing Hydrogen

New Hydrogen Location

Process Engineering



LINE	SIZE	FUNCTION
A	1-1/2 NPS	Bottom Fill
B	2 NPS	Vent
C	1-1/2 NPS	Top Fill
D	1/2 NPS	Bottom Gage
E	1/2 NPS	Top Gage
F	1/4 NPS	Full Trycock
G	1 NPS	Pressure Build
H	-	Vacuum Gage
K	1-1/2 NPS	Evacuation
L	1 NPS	Liquid Draw
N	2 NPS	Secondary Vent
P	2 NPS	Pressure Build Return

CODE=L45

NOTES:

- ALL PIPING TO CLEAR LEGS BY A MINIMUM OF 6" FOR FIELD FIRE PROOFING.
- TWO GROUND LUGS REQUIRED FOR 2/0 COPPER CABLE.
- FCV-1 AND FCV-3 TO CLEAR GROUND BY 12" MINIMUM (Ø VALVE TO GROUND)

Vessel Design Data	
Inner Vessel:	H-21000-7-150 LH2
MAWP:	150 PSIG
Design Temperature:	-42.5F TO +100F
Hydro Test Pressure:	249 PSIG
Vessel Material:	SA-240 T-304 S/S
Code Stamp:	YES
Radiograph:	*RT-2
Outer Jacket:	MAWP: Full Vacuum
Design Temperature:	Ambient
Sand Blasting:	YES
Painting:	Imron White
Vessel Material:	A36 CS
Insulation:	Evacuated Perlite
Weights:	Empty: 80,000 Lbs.
	Full of LH2: 92,200 Lbs.
Capacity:	Full of Water: 21,000 Gallons
	At Trycock: 20,000 Gallons
Code ASME Section VIII Division 1 Latest Addenda Inspected by National Board Inspectors with OH and PA Commissions Piping ASME/ANSI B31.3 * Per UW-11(c)(5), Longitudinal Seams 100% Circ Seams Spot	

PROCESS ENGINEERING

ITEM	FUNCTION	DESCRIPTION	SIZE	S/N
FC-1	BAYONET HOSE CONNECTION	AIR FORCE STYLE	2"	-
HCV-1	BOTTOM FILL VALVE	PART OF CPC V-J FILL MANIFOLD	1-1/2"	-
HCV-2	TOP FILL VALVE	-	1-1/2"	524.464
HCV-3	PRESSURE BUILD VALVE	EXT. STEM GLOBE, SS GODDARD 231	1"	504.541
HCV-3B	AUX P.B. LIQUID	EXT. STEM GLOBE, SS GODDARD 231	1"	504.541
HCV-4	FULL TRYCOCK VALVE	EXT. STEM GLOBE, SS GODDARD 231	1/2"	504.537
HCV-5	TANK VACUUM GAGE VLV.	DIAPHRAGM VALVE SUPERIOR 216-10S	5/8"	519.302
HCV-6	TANK EVACUATION VALVE	DIAPHRAGM VALVE, CAST IRON, SAUNDERS	1-1/2"	584.125
HCV-7	FILL LINE PURGE, PREFILL	EXT. STEM GLOBE, SS GODDARD 231	1/2"	504.537
HCV-8	VAPOR PHASE GAGE VALVE	REG. STEM DIAPHRAGM, NUPRO SS-DSM44-A	1/4"	519.410
HCV-8A	VAPOR PHASE GAGE VALVE	REG. STEM NEEDLE, SS NUPRO SS-DSS4	3/8"	519.417
HCV-9	CONTENTS GAGE BY-PASS	REG. STEM NEEDLE, SS NUPRO SS-DSS4	3/8"	519.417
HCV-10	LIQUID PHASE GAGE	REG. STEM DIAPHRAGM, NUPRO SS-DSM44-A	1/4"	519.410
HCV-10A	LIQUID PHASE GAGE	REG. STEM NEEDLE, SS NUPRO SS-DSS4	3/8"	519.417
HCV-11	FULL TRYCOCK ACCESS	PART OF TRYCOCK MONITOR	-	-
HCV-12	P.B. REG. SHUT-OFF VALVE	EXT. STEM GLOBE, SS GODDARD 231	1-1/2"	504.546
HCV-13	MANUAL VENT VALVE	EXT. STEM GLOBE, SS GODDARD 231	1-1/2"	504.548
HCV-14	LIQUID WITHDRAWAL VALVE	EXT. STEM GLOBE, SS GODDARD 231	1"	504.541
HCV-18	FILL MFLD. VAC. GAGE VALVE	PART OF CPC V-J FILL MANIFOLD	-	-
HCV-20	P.B. REG. BY-PASS	EXT. STEM GLOBE, SS GODDARD 231	1-1/2"	504.546
HCV-21A	SAFETY TEST VALVE	REG. STEM NEEDLE, NUPRO SS-DSS4	1/4"	519.418
HCV-21B	SAFETY TEST VALVE	REG. STEM NEEDLE, NUPRO SS-DSS4	1/4"	519.418
HCV-25	GAGE LINE VENT VALVE	REG. STEM NEEDLE, NUPRO SS-DSS4	3/8"	519.417
HCV-26	GAGE LINE VENT VALVE	REG. STEM NEEDLE, NUPRO SS-DSS4	3/8"	519.417
HCV-28	SAFETY SWITCH VALVE	3-WAY OVERTER BALL S/S TBV	2"	524.197
HCV-30	VENT STACK DRAIN	APOLLO SELF CLOSING BALL VALVE 76-503-01	1/2"	504.600
HCV-31	FILL MANIFOLD EVACUATION	PART OF CPC V-J FILL MANIFOLD	-	-
HCV-32	AUXILIARY GAGE VALVE	EXT. STEM GLOBE, SS GODDARD 231	1/2"	504.537
HCV-35	VENT STACK DRAIN	APOLLO SELF CLOSING BALL VALVE 76-503-01	1/2"	504.600
HCV-39	FILL LINE PURGE, AFTERFILL	EXT. STEM GLOBE, SS GODDARD 231	1/2"	504.537
HCV-46	RUP.T. DISC SHUT-OFF VLV.	LOCK-OPEN BALL VALVE-HOSCHESTER OR TBV	2"	524.208
CV-1	FILL CHECK VALVE	PART OF V-J MANIFOLD	1"	-
CV-2	V-1 PREFILL PURGE CHECK	NUPRO IN-LINE SS-AC-1/3	1/4"	494.007
CV-3	V-2 PREFILL PURGE CHECK	NUPRO IN-LINE SS-AC-1/3	1/4"	494.007
CV-5	AFTERFILL PURGE CHECK	NUPRO IN-LINE SS-AC-1/3	1/4"	494.007
FCV-1	EMERGENCY LIQ. SHUT-OFF	EXT. AIR-TO-OPEN PHEU, CPC D-8000, SS	1"	544.539
FCV-3	EMERGENCY VAP. SHUT OFF	CASHCO #2206 SS NORMALLY CLOSED	1"	809.451
LI-1	CONTENTS GAGE	BARTON MODEL 200 D-36 WC S/S	6"	809.450
PI-1	TANK PRESSURE GAGE	0-200 PSI, SAFECASE	4-1/2"	534.235
PT-1	PT. PRESS. TRANSMITTER	ROSEMOUNT #1151-0P-4E-22-87-08(APO SUPP)	1/4"	809.498
PT-1	PT. PRESS. TRANSMITTER	ROSEMOUNT#2089-0-3A-22-A1-81-0A(APO SUPP)	1/4"	809.497
PT-3	PART OF TRYCOCK MONITOR	-	-	-
PI-5	TANK PRESSURE GAGE	0-200 PSI, SAFECASE	4-1/2"	534.235
PSE-1A	INNER VESSEL SAFETY HEAD	ULTRIX, 180# (584.330)	1-1/2"	584.321
PSE-1B	INNER VESSEL SAFETY HEAD	ULTRIX, 180# (584.330)	1-1/2"	584.321
PSE-2	LIQ. SAFETY HEAD	DUAL O-RING SEALED SS NOZZLE	6"	-
PSE-3	SECONDARY RUPTURE DISC	ULTRIX, 225# (584.343)	2"	584.322
PSV-1A	TANK SAFETY VALVE	ANDERSON GREENWOOD, 150PSI, 81MS88-8	3/4"	554.475
PSV-1B	TANK SAFETY VALVE	ANDERSON GREENWOOD, 150PSI, 81MS88-8	3/4"	554.475
TSV-2	LINE SAFETY	IN-LINE, MPT, NUPRO SS-ACPA2, 210 PSI	1/4"	559.227
TSV-3	LINE SAFETY	IN-LINE, MPT, NUPRO SS-ACPA2, 210 PSI	1/4"	559.227
TSV-4	LINE SAFETY	IN-LINE, MPT, NUPRO SS-ACPA2, 210 PSI	1/4"	559.227
TSV-5	LINE SAFETY	IN-LINE, MPT, NUPRO SS-ACPA2, 210 PSI	1/4"	559.227
PSV-6	MANIFOLD JACKET SAFETY	PART OF CPC V-J FILL MANIFOLD	-	-
TSV-7	LINE SAFETY	IN-LINE, MPT, NUPRO SS-ACPA2, 210 PSI	1/4"	559.227
TSV-8	LINE SAFETY	IN-LINE, MPT, NUPRO SS-ACPA2, 210 PSI	1/4"	559.227
TSV-9	LINE SAFETY	IN-LINE, MPT, NUPRO SS-ACPA2, 210 PSI	1/4"	559.227
PCV-1	PRESS. BUILD REGULATOR	C-A G-80,SS BODY & TRIM,SS SPR. CHBR.	1-1/2"	544.549
S-1	PRESS. BUILD STRAINER	Y-PATTERN, SS	1"	489.045
PCB-1	PRESSURE BUILD COIL	ALUMINUM EXTRUSIONS W/SS LINER	-	-
VR-1	FILL MANIFOLD VAC. GAGE TUBE	HASTINGS, DV-6R	-	-
VR-2	TANK VACUUM GAGE TUBE	HASTINGS, DV-6R	-	-
TCM	TRYCOCK MONITOR ASSY.	APCI P/N 277-H-413253 A BY APCI	-	16.216

CS-12548 R3

PEI PROCESS ENGINEERING
148 Main Street, PO Box 467
Pleistow, NH 03865
This design is the property of Process Engineering. The reproduction, manufacture or use of any assembly, component or part is permitted only if authorized by Process Engineering.

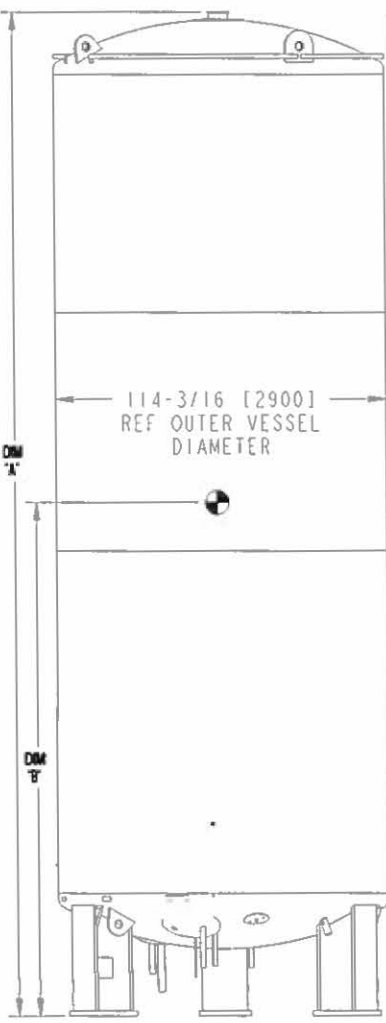
CUSTOMER DRAWING FOR:

AIR PRODUCTS CANADA LTD.
PO #54-M4252
SPECIFICATION 492 REV 5
MODEL V-21000-7-150-A-H-O
JOB No. N-08088 F/C# D2/9 PART No. 909.400
C-06598 909.505
APPROVALS BY DATE SHEET 1 OF 1
DRAFTER RD 3/21/99
CHECKER RY 5/14/99 CS-12548 3
ENGINEERING DESIGN RY 6/24/99 DRAWING NO. REV.

NO	DATE	BY	CHKD	RECORD OF REVISION
3	8/24/1998	CWM		EDITED HCV-8 & HCV-10; WORE REG. STEM NEEDLE, SS NUPRO SS-DSS4
2	8/14/1998	CWM		FLANGES @ FCV-1 & FCV-3 @ 45°; HCV-30 WAS HCV-18; HCV-8 & HCV-10 WERE WHITLY 1/4" SIZES; 519.391; DELETED HCV-17 ADD DPT-1 & PT-1; ADD HCV-8A/10A
1	4/16/1998	JM		WAS EST 05161; ADD PO INFO, ADD HCV-16 & 17

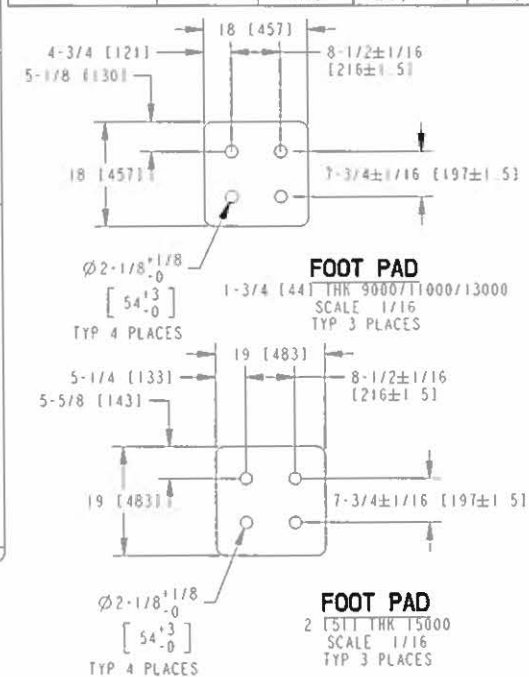
WEIGHTS AND SHIPPING DATA

MODEL:		VS-9000				VS-1000				VS-13000				VS-15000				
MAWP	PSIG	175	250	400	500	175	250	400	500	175	250	400	500	175	250	400	500	
		barq	12.07	17.24	27.58	34.47	12.07	17.24	27.58	34.47	12.07	17.24	27.58	34.47	12.07	17.24	27.58	34.47
WEIGHT EMPTY	POUNDS	29,400	32,300	38,900	45,100	35,200	38,700	46,700	52,400	41,700	45,700	55,100	59,700	48,000	52,600	63,400	70,400	
	KILOGRAMS	13,364	14,682	17,645	20,457	16,000	17,591	21,183	23,768	18,955	20,773	24,993	27,079	21,818	23,909	28,758	31,933	
WEIGHT FULL	OXYGEN	POUNDS	117,400	120,300	127,000	133,200	142,700	146,100	154,100	159,800	169,800	173,900	183,200	187,600	195,800	200,400	211,100	215,600
		KILOGRAMS	53,364	54,682	57,606	60,419	64,864	66,409	69,899	72,484	77,182	79,045	83,098	85,185	89,000	91,091	95,753	95,937
	NITROGEN	POUNDS	91,700	94,600	101,300	107,500	111,300	114,800	122,800	128,500	132,400	136,400	145,800	150,400	152,700	157,200	168,000	173,200
		KILOGRAMS	41,682	43,000	45,949	48,761	50,591	52,182	55,701	58,287	60,182	62,000	66,134	68,220	69,409	71,455	76,204	77,043
	ARGON	POUNDS	136,800	139,800	146,400	152,600	166,400	169,900	177,900	183,500	198,100	202,100	211,500	216,100	228,400	233,000	243,700	247,700
		KILOGRAMS	62,182	63,545	66,406	69,218	75,636	77,227	80,694	83,234	90,045	91,864	95,935	98,021	103,818	105,909	110,540	110,824
SHIPPING DIMENSIONS	INCHES (L x W x H)	348 x 114.2 x 114.2				407 x 114.2 x 114.2				466 x 114.2 x 114.2				525 x 114.2 x 114.2				
	MM'S (L x W x H)	8,840 x 2,901 x 2,901				10,338 x 2,901 x 2,901				11,837 x 2,901 x 2,901				13,335 x 2,901 x 2,901				



MODEL:		VS-9000	VS-1000	VS-13000	VS-15000
CAPACITY	GROSS (COLD)	GALLONS 9,360	11,410	13,470	15,520
	LITERS 35,431	43,192	50,989	58,750	
	NET (COLD)	GALLONS 8,990	10,960	13,060	15,060
	LITERS 34,031	41,488	49,437	57,008	
GASES EQUIVALENT AT 1 ATM AND 70°F / 1 ATM AND 0°C	OXYGEN	SCF 1,034,800	1,261,500	1,503,300	1,733,500
		NM3 29,302	35,722	42,569	49,087
	NITROGEN	SCF 837,100	1,020,500	1,216,100	1,402,300
		NM3 23,704	28,897	34,436	39,709
	ARGON	SCF 1,011,400	1,233,000	1,469,300	1,694,300
		NM3 28,640	34,915	41,606	47,977

MODEL:		VS-9000 THRU 15000			
MAWP:	PSIG	175	250	400	500
	barq	12.07	17.24	27.58	34.47
DESIGN PRESSURE	PSIG	213.5	288.5	438.5	579.5
	barq	14.72	19.89	30.23	39.95
CODE COMPLIANCE:	ASME SECTION VIII APPENDIX 44				
DESIGN TEMPERATURE	°F	-320° TO 120°			
	°C	-196° TO 49°			
MATERIAL OF CONSTRUCTION:	SA240 304 STAINLESS STEEL				



TANK HEIGHT	
MODEL	DIM "A" REF
VS-9000	348 [8840]
VS-11000	407 [10338]
VS-13000	466 [11837]
VS-15000	525 [13335]

CG HEIGHT	
MODEL	DIM "B" REF
VS-9000	192 [4866]
VS-11000	221 [5615]
VS-13000	251 [6364]
VS-15000	280 [7117]

OUTER VESSEL DATA	
CODE COMPLIANCE:	FULL VACUUM PER CGA-341
DESIGN TEMPERATURE	°F -20° TO 300°
	°C -29° TO 149°
MATERIAL OF CONSTRUCTION:	A36 CARBON STEEL
INSULATION TYPE:	VACUUM AND MULTILAYER INSULATION
EVACUATION CONNECTION:	3-1/2" PUMPOUT PORT
VACUUM GAUGE CONNECTION:	HASTINGS DVR6
BUILDING CODE:	
DESIGNED FOR CURRENT BUILDING CODE SEE CHART POLICY #NP-180	

THRD ANGLE PROJECTION

Material Required
SEE "B.O.M." UNLESS OTHERWISE STATED

VISIT US AT CHARTINDUSTRIES.COM
OEM PARTS AT CHARTPARTS.COM

THE MATERIALS AND INFORMATION, INCLUDING THE PRINCIPLES OF DESIGN CONTAINED IN THIS PRINT IS THE EXCLUSIVE PROPERTY OF CHART INC., AND IS CONFIDENTIAL AND PROPRIETARY INFORMATION. THIS INFORMATION MAY NOT BE REPRODUCED, COPIED, OR LOANED, IN PART OR IN WHOLE, NOR IS THE INFORMATION TO BE RELATED TO ANY PARTY WITHOUT CHART'S PRIOR WRITTEN CONSENT.

APPROVED	DATE
JJC	10/07/08
MMK	10/08/08
DML	10/22/08
JK	10/13/08
RC	10/08/08
KJR	10/15/08

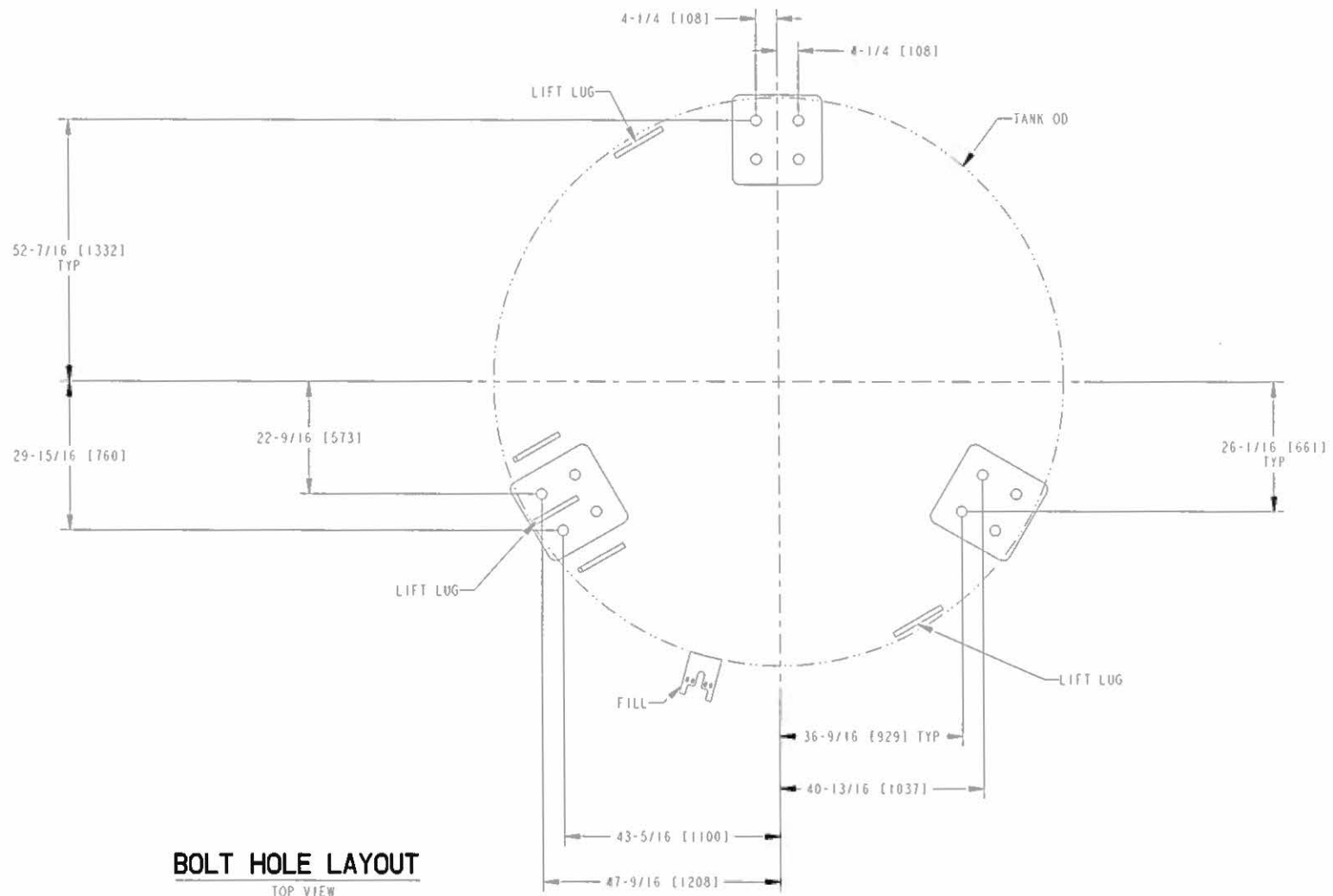
REV	DESCRIPTION	BY	DATE
F	15874	ADDED DIM "B"	KRV 12/19/14
E	-	ADDED 500PSI INFO	JBR 11/24/14
D	14219	UPDATED WEIGHTS	JJC 10/20/09
C	14121	CHG FOOT PAD DETAILS	JJC 6/12/09
B	14101	1-3/4 PAD WAS 1-5/8	MMK 5/29/09
A	13909	CHG THK 15K FOOT PAD	JJC 1/09/09

CHART Distribution & Storage, New Prague Operations
Innovation. Experience. Performance.™


TITLE **08D VS-9000 THRU 15000 SS COLD**
STRETCH 175/250/400/500PSI

DRAWING NUMBER **C-14190888** Rev F

SCALE **1/5"=1"** PART NUMBER **14190888** SHEET **1 OF 2**



BOLT HOLE LAYOUT
TOP VIEW
SCALE NA

VISIT US AT CHARTINDUSTRIES.COM		APPROVED	DATE	 Distribution & Storage, New Prague Operations Innovation. Experience. Performance.®
OEM PARTS AT CHARTPARTS.COM		BY JJC	10/07/08	
THE MATERIALS AND INFORMATION, INCLUDING THE PRINCIPLES OF DESIGN CONTAINED IN THIS PRINT, IS THE EXCLUSIVE PROPERTY OF CHART INC., AND IS CONFIDENTIAL AND PROPRIETARY INFORMATION. THIS INFORMATION MAY NOT BE REPRODUCED, COPIED, OR LOANED, IN PART OR IN WHOLE, NOR IS THE INFORMATION TO BE RELATED TO ANY PARTY WITHOUT CHART'S PRIOR WRITTEN CONSENT.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES: FRACTIONS ± 1/8 ANGLES ± 1° 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .001		TITLE O&D VS-9000 THRU 15000 SS COLD STRETCH 175/250/400/500PSI
		DRAWING NUMBER C-14190888		Rev F
		SCALE 1/5"=1"	PART NUMBER 14190888	SHEET 2 OF 2

