

**REGULAR MEETING
DUNSMUIR PLANNING COMMISSION
JUNE 10th, 2020**

REGULAR SESSION: Beginning at 6:00 pm

Due to COVID-19, the Planning Commission meeting will be held online via Zoom
at: <https://us02web.zoom.us/j/99204517515>

Alternatively, participants may call **1(669)900-6833**. When prompted,
enter Meeting ID: **992 0451 7515**

**As a courtesy, please keep your phone or microphone on mute
unless the Chairperson calls on you. Thank you.**

1. CALL TO ORDER

2. ROLL CALL

3. APPROVAL OF AGENDA

4. APPROVAL OF MINUTES

A. May 13, 2020 Regular Meeting

5. ANNOUNCEMENTS AND PUBLIC COMMENT

Make your announcements or comments when the Chairperson calls upon you to do so. The Planning Commission Chairperson will recognize you and ask for your name and address so that City staff can follow up on any issues requiring City action.

This time is set aside for citizens to address the Planning Commission on matters **not** included on the Regular Agenda. If your comments concern an item noted on the Regular Agenda, please address the Planning Commission when that item is open for public comment. **Each speaker is allocated three (3) minutes to speak. Speakers may not cede their time.** Comments should be limited to matters within the jurisdiction of the City. The Planning Commission can only take action on matters that are on the Agenda but may place matters brought to their attention at this meeting on a future Agenda for consideration. If you have documents to present to members of the Planning Commission, please email them to adminasst@ci.dunsmuir.ca.us at least two days prior to the Planning Commission meeting. Alternatively, the documents can be mailed to the City of Dunsmuir Planning Commission, 5915 Dunsmuir Avenue, Dunsmuir, CA 96025. If submitting documents via mail, please allow adequate time for the documents to arrive, be distributed, and reviewed by the Planning Commission prior to the meeting. Further, if mailing, please provide a minimum of nine (9) copies.

6. PUBLIC HEARINGS

Public Hearing Protocol:

- a. Chairperson will describe the purpose of the Public Hearing
- b. City Staff will provide the Staff Report
- c. City Staff will respond to questions by the Planning Commission
- d. Chairperson will open the Public Hearing

- e. Citizens wanting to comment should wait until the Chairperson asks for public comments and provide the City Clerk with their name and address prior to commenting

A. Dunsmuir Organic Gardens Historic Site Alteration Permit

Proposed historic site alteration permit to allow for installation of HVAC equipment at 5901 Sacramento Avenue (APN 058-151-570).

- 1. Staff Report
- 2. Public Hearing
- 3. Decision: Roll Call Vote

B. Dunsmuir Organic Gardens Use Permit & Historic Site Alteration Permit

Proposed conditional use permit to allow for commercial cannabis cultivation, processing, propagation, and packaging at 5751 Dunsmuir Avenue and 4213 Pine Street (APN 058-084-140), as well as an historic site alteration permit for installation of HVAC equipment at that location.

- 1. Staff Report
- 2. Public Hearing
- 3. Decision: Roll Call Vote

7. OLD BUSINESS – None

8. NEW BUSINESS – None

9. ANNOUNCEMENTS AND REPORTS FROM COMMISSION AND STAFF

A. Staff:

B. Commissioners:

10. ADJOURNMENT:

Copies of this agenda were posted at City Hall, the Dunsmuir Park and Recreation District Office, and at the Post Office on or before **6:00 PM Friday, June 5, 2020.**

The City of Dunsmuir does not discriminate on the basis of race, color, national origin, religion, age, gender, sexual orientation, disability or any other legally protected classes in employment or provision of services. Persons who need accommodations for a disability at a public meeting may call City Hall at (530) 235-4822 for assistance. Notification at least 48 hours prior to the meeting will enable the City to make reasonable arrangements to accommodate participation in the meeting.

CERTIFICATION

This is the official Dunsmuir Planning Commission Agenda created and posted in accordance with the Dunsmuir City Protocols.

Wendy Perkins

Deputy City Clerk

06/05/2020
Date

DUNSMUIR PLANNING COMMISSION
Meeting Minutes
May 13th, 2020

1. CALL TO ORDER

Virtual Zoom Meeting was called to order by Chairperson Spurlock at 6:05 p.m,

2. ROLL CALL –

Commissioners present: Powers, Skalko, Warner, Kay, Spurlock

Commissioners absent: Harley

Staff present: Deputy City Clerk Wendy Perkins, City Manager Todd Juhasz, City Planner Rico Tinsman

3. APPROVAL OF AGENDA Motion to approve by Skalko, 2nd Powers. All in favor.

4. APPROVAL OF MINUTES –Motion to approve by Skalko, 2nd Powers. All in favor.

5. ANNOUNCEMENTS AND PUBLIC COMMENT: None

6. PUBLIC HEARINGS

A. DUNSMUIR ORGANIC GARDENS Conditional Use permit

1. Staff Report – City Planner Tinsman gave the staff report

2. Public Hearing – No comments from the public. Commissioner Skalko inquired about providing schematics and proper ventilation. Ms. Wilde replied that what she is asking of the commission at this point is to just approve the use of the building to grow commercial cannabis. Commissioner Warner asked Ms. Wilde if she would reveal any other financial interests which are involved in the new business venture. Ms. Wilde declined to provide those details.

Commissioner Kay asked about proper ventilation of building. Ms. Wilde replied to those comments and referred to the schematics which detail the ventilation systems which are designed to remove all marijuana odors.

Skalko is concerned about safety of the building and it being a danger to citizens because the owner of the building of the Cornerstone cannabis business was out of compliance with electrical and it posed a safety hazard to our citizens.

Ms. Wilde cites City Ordinance 550 – Compliance officer can come in at any time to inspect the location.

3. Decision: Motion to approve by Spurlock, 2nd by Kay

ROLL CALL VOTE

AYES: Skalko, Kay, Powers, Warner, Spurlock

NAYES: None

ABSENT: Harley

ABSTAIN: None

5-0-1-0

B. Dunsmuir Tire Variance and Sign Permit

1. City Planner Tinsman reads the staff report

2. Public Hearing – No public comment.

Craig Kay makes a motion to adopt PC 2020-08 2nd by Skalko

AYES: Spurlock, Warner, Kay, Powers, Skalko
NOES: NONE
ABSENT: Harley
ABSTAIN: None
5-0-1-0

C. Sweetwater Station General Plan Amendment, Rezone, and Conditional Use Permit

This item has been postponed until a later date, likely June.

- 7. **OLD BUSINESS** - None
- 8. **NEW BUSINESS** –

A. Leap Grant 2022 General Plan Update

Number of changes to planning laws that we need to incorporate to comply with state law especially with state requirements. Will facilitate housing production. 7 other elements of the general plan are under update.

Opportunity to get \$65,000 with general plan to go til 2023. Relatively minor update with all the items from attachment B with the Staff Report.

Adopt Resolution 2020-09 to apply for grant?

Set the motion: Kay, 2nd by Warner

AYES: Spurlock, Warner, Kay, Powers, Skalko
NOES: NONE
ABSENT: Harley
ABSTAIN: None
5-0-1-0

B. Vehicle Miles Travelled vs. Level of Service

CP Tinsman explains this item is informational only. No vote needed. Describes this as a report card on vehicle traffic. We get graded on how congested our roads are.

- 9. **ANNOUNCEMENTS AND REPORTS FROM COMMISSION AND STAFF** –
Tinsmans says we will be busy because of SB-2 work and cleanup. There are a lot of residences in the commercial district which cannot obtain financing. SB 2 grant will allow residential uses in commercial. Allow folks to have residences in commercial but we are doing them a disservice without providing appropriate zoning when they are applying for loans etc. We'll be addressing this more in July.

10. ADJOURNMENT

Motion to adjourn by Kay. Meeting was adjourned at 7:07 p.m. by consensus

Chairperson Spurlock

5/14/2020

Date

Wendy Perkins, Deputy City Clerk



CITY OF DUNSMUIR

STAFF REPORT TO PLANNING COMMISSION

June 10, 2020

DUNSMUIR ORGANIC GARDENS HISTORIC SITE ALTERATION PERMIT

APPLICANT:	Dunsmuir Organic Gardens LLC Leslie Wilde 5711 Sacramento Avenue Dunsmuir, CA 96025
PROPERTY OWNER:	Dunsweed LLC Ahmet Tasci 1725 Sacramento Street San Francisco, CA 94109
PROJECT SUMMARY:	The applicant requests approval of a historic site alteration permit to allow for installation of HVAC equipment on the roof of 5901 Sacramento Avenue.
PROJECT LOCATION:	The project site is located at 5901 Sacramento Avenue (APN 058-151-570).
GENERAL PLAN:	General Commercial (GC)
ZONING:	Central Commercial Historic District (C-2-H)
EXISTING USE:	Vacant commercial building
ENVIRONMENTAL	The project is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Sections 15301, 15332, and 15061(b)(3).
RECOMMENDATION:	Approval
ATTACHMENTS:	A. Draft Resolution PC-2020-10, A Resolution of the Planning Commission of the City of Dunsmuir Approving a Historic Site Alteration Permit for 5901 Sacramento Avenue (APN 058-151-570) B. Applicant's Statement

PROJECT OVERVIEW

The City has received an application from Leslie Wilde, owner of Dunsmuir Organic Gardens LLC, for a historic site alteration permit to allow for installation of HVAC equipment on the roof of an approximately 2,671-square-foot building located at 5901 Sacramento Avenue. This is the same property that the Planning Commission conditionally approved a use permit for on May 13, 2020 to allow for commercial cannabis cultivation, non-solvent manufacture of commercial cannabis products, and wholesale distribution of packaged commercial cannabis.

Ms. Wilde is back before the Planning to Commission seeking approval of a historic site alteration permit to ensure that the necessary exterior HVAC equipment can be installed on the building's roof consistent with the conditionally approved use. Should the Planning Commission approve the historic site alteration permit, the applicant will also need to obtain a building permit from the City prior to installation of the HVAC equipment.

Per City Code, in considering the appropriateness of the historic site alteration permit, the Planning Commission shall consider, among other things, the purpose of Dunsmuir Municipal Code (DMC) Chapter 17.28, Historic Preservation, as well as the historic architectural value, texture and material of the building or structure in question, its appurtenant fixtures, including signs, utilities, fences, parking, site plan, landscaping and the relationship of such building and/or features to other buildings (DMC Section 17.28.100(D)).

As detailed in DMC Section 17.28.010, the purpose of Chapter 17.28, Historic Preservation, is to:

- A. Designate, preserve, protect, enhance and perpetuate those historic structures, districts, and neighborhoods which contribute to the cultural and aesthetic benefit of Dunsmuir;
- B. Foster civic pride in the beauty and accomplishments of the past;
- C. Stabilize and improve the economic value of certain historic structures, districts and neighborhoods;
- D. Protect and enhance the city's cultural and aesthetic heritage and vitality;
- E. Promote and encourage continued private ownership and utilization of such buildings and other structures now so owned and used, to the extent that the objectives listed above can be attained under such policy;
- F. Assure that every owner of an historical structure has the responsibility to assure the perpetual use/occupancy of historical structures within the Dunsmuir historical district;
- G. Establish minimum standards for assurance of care for all aspects of structures and landmarks within the Dunsmuir historical district or of historical significance, as determined by this chapter.

Further, pursuant to DMC Section 17.28.100(G), the Planning Commission must make certain findings prior to approval of a historic site alteration permit. The findings are as follows:

- 1. The action is consistent with the purposes of this chapter as reflected in Section 17.28.010; and
- 2. The action proposed will not be detrimental to a structure or feature of significant aesthetic, cultural, architectural or engineering interest or value of a historic nature; or
- 3. The applicant has demonstrated that the action proposed is necessary to correct an unsafe or dangerous condition on the property; or
- 4. The applicant has demonstrated that denial of the application will result in immediate or substantial hardship pursuant to Section 17.20.020 (B).

Given the nature of the proposed change and the stated the purpose of Chapter 17.28, it is staff's perspective that findings No. 1 and No. 2 for approval of a historic site alteration permit can be made. If the Planning Commission concurs, it would need to make the findings prior to project approval. As such, findings to this effect have been incorporated into the draft resolution prepared for the project.

In order to better assess the aesthetic impact of the proposed HVAC equipment at 5901 Sacramento Avenue, photographs of the roof where the HVAC unit would be installed are provided below (see **Figures 1 and 2**).



Figure 1, Roof Structure at 5901 Sacramento Avenue

There are few details of the proposed HVAC unit, such as color, dimensions, or placement, included in the application materials with which to make an assessment per DMC Section 17.28.100(D). According to the applicant, this is because the size of the unit and its location on the roof will need to be determined by an engineer to ensure that the structural integrity of the roof will not be compromised by the equipment.

For additional information provided by the applicant relative to request, please refer to **Attachment B**. Please note, however, that while **Attachment B** indicates that the HVAC system would not be visible from a public right-of way, the roof of 5901 Sacramento Avenue is readily visible from Cedar Street (see **Figure 2**). As such, it is presumed that the statement was made in reference to the visibility of proposed equipment from Sacramento Avenue.



Figure 2, View of 5901 Sacramento Avenue from Cedar Street

ENVIRONMENTAL RECOMMENDATION

Staff recommends that the project is categorically exempt from environmental review under Sections 15301, Existing Facilities, and 15332, In-Fill Development, of the California Environmental Quality Act

(CEQA) Guidelines. The “Existing Facilities” exemption applies to “the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination.” The “In-Fill Development” exemption applies to projects characterized as in-fill development meeting the following conditions:

- (a) The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.
- (b) The proposed development occurs within city limits on a project site of no more than five acres substantially surrounded by urban uses.
- (c) The project site has no value as habitat for endangered, rare or threatened species.
- (d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.
- (e) The site can be adequately served by all required utilities and public services.

In addition, staff recommends that the project is exempt from environmental review pursuant to Section 15061(b)(3) of the CEQA Guidelines under the “commonsense exemption” that CEQA only applies to projects that have the potential for causing a significant effect on the environment.

If the Planning Commission concurs, it would need to make the finding that the project is exempt from CEQA prior to project approval. As such, a finding to this effect has been incorporated into the draft resolution prepared for the project.

STAFF RECOMMENDATION

Staff has reviewed the application materials and, based on the material in the record and the information provided in this staff report, staff recommends that the Planning Commission first consider any public testimony, determine whether the historic site alteration permit and CEQA findings can be made, and if so, take the following actions:

- **Adopt** the Findings for the Historic Site Alteration Permit;
- **Adopt** the CEQA Exemptions; and
- **Adopt** Resolution PC-2020-10, A Resolution of the Planning Commission of the City of Dunsmuir Approving a Historic Site Alteration Permit for 5901 Sacramento Avenue (APN 058-151-570).

SUGGESTED MOTION

I move that we make the findings for approval of the historic site alteration permit, that we adopt the recommended CEQA exemptions, and that we adopt Resolution PC-2020-10 approving the historic site alteration permit for 5901 Sacramento Avenue.

RESOLUTION PC- 2020-10

**A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF DUNSMUIR
APPROVING A HISTORIC SITE ALTERATION PERMIT FOR
5901 SACRAMENTO AVENUE (APN 058-113-020)**

WHEREAS, 5901 Sacramento Avenue (APN 058-113-020) is located in the Dunsmuir Historic District; and

WHEREAS, the City of Dunsmuir received an application for a historic site alteration permit to allow for installation of HVAC equipment on the roof of 5901 Sacramento Avenue; and

WHEREAS, Dunsmuir Municipal Code Section 17.28.100 requires that the Planning Commission review proposed material changes to structures located in the Dunsmuir Historic District; and

WHEREAS, staff presented oral and written staff reports on the proposed historic site alteration permit at a regular meeting of the Planning Commission on June 10, 2020; and

WHEREAS, the Planning Commission determined that the proposed HVAC equipment would be consistent with the purpose of the Historic Preservation chapter of the Dunsmuir Municipal Code, as reflected in Section 17.28.010; and

WHEREAS, the Planning Commission determined the proposed HVAC equipment would not be detrimental to a structure or feature of significant aesthetic, cultural, architectural or engineering interest or value of a historic nature; and

WHEREAS, the Planning Commission further determined that the project is exempt from the California Environmental Quality Act (CEQA) pursuant to Sections 15301, 15332, and 15061(b)(3) of the CEQA Guidelines because the project entails use of an existing private facility, consists of infill development, and because CEQA only applies to projects that have the potential for causing a significant effect on the environment; and

WHEREAS, staff recommended that the Planning Commission approve the proposed historic site alteration permit subject to the findings included in the staff report dated June 10, 2020, and incorporated herein above; and

WHEREAS, a Notice of Public Hearing was published in the Dunsmuir News on May 27, 2020; and

WHEREAS, public hearing notices were posted, advertised, and mailed pursuant to Sec. 17.24.060(B) of the Dunsmuir Municipal Code and California Government Code Sec. 65090 et seq.; and

WHEREAS, on June 10, 2020, the Chair of the Dunsmuir Planning Commission opened the duly noticed public hearing on the proposed historic site alteration permit to receive public testimony, following which the Chair of the Planning Commission closed the public hearing and the Planning Commission discussed the proposed material change to 5901 Sacramento Avenue and the historic site alteration permit prior to reaching its decision.

NOW THEREFORE BE IT RESOLVED by the Planning Commission of the City of Dunsmuir that the historic site alteration permit for placement of HVAC equipment on the roof of 5901 Sacramento Avenue is approved.

IT IS HEREBY CERTIFIED that the foregoing Resolution PC-2020-10 was duly adopted on a motion by Commissioner _____ and seconded by Commissioner _____ at a regular meeting of the City of Dunsmuir Planning Commission held on the 10th day of June 2020, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

CITY OF DUNSMUIR PLANNING COMMISSION

Josh Spurlock, Chair

WITNESS, my hand and seal this 10th day of June 2020

Wendy Perkins, Deputy City Clerk

Site Alteration Permit- 5901 Sacramento Avenue

Applicant: Dunsmuir Organic Gardens, LLC (DOG with Leslie Wilde as business owner/agent).

Statement of Intent: Install HVAC system on roof at 5901 Sacramento Avenue in compliance with stated Conditional Use Permit (CUP) requirements.

History of Project: On May 13, 2020, DOG received a CUP from the Dunsmuir Planning Commission for several cannabis related business activities at the above location. One of the stated conditions of the CUP requires the following:

“The facility shall include an air treatment system that ensures off-site odors will not result from its operations. At a minimum, the facility shall be designed to provide sufficient odor absorbing ventilation and exhaust systems so that any odor generated inside the location will not be detected outside the building, on adjacent properties or public rights-of-way, or within any other unit located within the same building as the facility.”

In order to attain the necessary air treatment required by the CUP I am seeking the Planning Commission’s approval to install an HVAC system that will partially extend above the existing roof. The proposed HVAC system includes:

- An Indirect-Direct Evaporative Cooling (IDEC) classification. These systems use up to 80% less energy. These systems also do not require as much maintenance nor do they create environmental issues compared to traditional units because they have no GWP, CFCs, or HFCs. These units are better for the environment and therefore better for the Cities which allow them;
- The size and weight of the system will be determined by an architectural engineer to ensure the structural integrity of the roof and will not be compromised in any manner;
- The system not be visible from the public right-of way;
- The system will ensure no off-site odors result from the cannabis operations.



CITY OF DUNSMUIR

STAFF REPORT TO PLANNING COMMISSION

June 10, 2020

DUNSMUIR ORGANIC GARDENS USE PERMIT & HISTORIC SITE ALTERATION PERMIT

APPLICANT:	Dunsmuir Organic Gardens Leslie Wilde 5711 Sacramento Avenue Dunsmuir, CA 96025
PROPERTY OWNER:	Klamath Cornerstone LLC Ahmet Tasci 1725 Sacramento Street San Francisco, CA 94109
PROJECT SUMMARY:	The project is a proposed conditional use permit to allow for commercial cannabis cultivation, processing, propagation, and packaging, as well as an historic site alteration permit to allow for installation of HVAC equipment.
PROJECT LOCATION:	The project site is located at 5751 Dunsmuir Avenue and 4213 Pine Street (APN 058-084-140).
GENERAL PLAN:	General Commercial (GC)
ZONING:	Central Commercial Historic District (C-2-H)
EXISTING USE:	Vacant commercial building
ENVIRONMENTAL	The project is exempt from the California Environmental Quality Act (CEQA) pursuant to CEQA Guidelines Sections 15301, 15332, and 15061(b)(3).
RECOMMENDATION:	Approval with Conditions
ATTACHMENTS:	A. Draft Resolution PC-2020-11, A Resolution of the Planning Commission of the City of Dunsmuir Conditionally Approving the Dunsmuir Organic Gardens Use Permit Application and Approving the Historic Site Alteration Permit for 5751 Dunsmuir Avenue and 4213 Pine Street (APN 058-084-140). B. Applicant's Narratives for CUP & HSAP C. Premises Diagram D. Structural Calculations

BACKGROUND

On June 27, 2017, the Governor approved Senate Bill 94, the Medicinal and Adult-Use Cannabis Regulation and Safety Act (MAUCRSA), which created one regulatory system for commercial cannabis

activity. This legislation allowed each jurisdiction to either permit or prohibit commercial cannabis activity within their jurisdictions.

On December 7, 2017, the City of Dunsmuir City Council adopted Ordinance No. 558, establishing business license regulations for the commercial cannabis industry. The Council followed with adoption of Ordinance No. 559 on July 5, 2018, which codified a voter-approved cannabis industry tax. Then, on February 7, 2019, the City Council adopted Ordinance No. 560 adding Sections 17.10.010, 17.10.020, and 17.10.030 to the Dunsmuir Municipal Code (DMC) to further define cannabis operations and allow certain aspects and licenses of the cannabis industry as permitted and conditionally permitted uses in certain zoning districts.

As it relates to the request to allow indoor commercial cannabis cultivation, processing, propagation, and packaging at 5751 Dunsmuir Avenue and 4213 Pine Street, the project site is located in Dunsmuir's Central Commercial Historic District (C-2-H), and per DMC Section 17.10.010, these uses are permitted in the C-2-H zoning district subject to issuance of a use permit.

PROJECT OVERVIEW

Use Permit

The City has received an application from Leslie Wilde, owner of Dunsmuir Organic Gardens LLC, to establish an indoor cannabis cultivation, processing, propagation, and packaging facility within two separate but attached buildings that have a combined area of approximately 2,964 square feet. The buildings are located at 5751 Dunsmuir Avenue and 4213 Pine Street in the C-2-H zoning district.

The property consists of three separate buildings, one of which is excluded from the project and is occupied by the Cornerstone Restaurant. There is a passage through the dividing wall that separates the two buildings included in the proposed project. One of the buildings fronts onto Dunsmuir Avenue just north of the Cornerstone Restaurant and the other fronts onto Pine Street just west of and behind the Cornerstone Restaurant.

According to the use permit narrative included with the application (see **Attachment B**), cultivation would occur in three separate grow rooms that "are quiet and designed not to leak light, sound, or odors." The propagation room would be used to germinate seeds and root cuttings taken from adult plants until they are ready to be moved into the cultivation rooms. Packaging would occur after the cannabis is dried and manicured, with the finished product stored until testing. Once tested and the specifications set by the Bureau of Cannabis Control are met, the packaged products would be safely transported and traced to licensed retailers. A site plan of the proposed facility is included as **Attachment C**.

Odor control is proposed to consist of activated carbon filters installed on both the intake and exhaust end of the filtration system in each of the cultivation rooms, the propagation room, and the processing and packaging room. Hours of operation for the facility would be from 8:00 a.m. to 6:00 p.m., with a maximum of three employees onsite during regular business hours. Closed circuit cameras would provide ongoing surveillance. Equipment would include high pressure sodium lights, industrial fans, HVAC, dehumidifiers, and scrubbers. While no information on the noise levels of this equipment was provided, the applicant states, "Vibrations from ventilation fans will be negligible, light emissions will be contained within the interior of windowless building, odors will be eliminated by state-of-the-art air scrubbers."

Historic Site Alteration Permit

In addition to the proposed use permit, the applicant also requests approval of a historic site alteration permit to allow for installation of HVAC equipment on the roof of one the buildings.

Per City Code, in considering the appropriateness of the historic site alteration permit, the Planning Commission shall consider, among other things, the purpose of Dunsmuir Municipal Code (DMC) Chapter 17.28, Historic Preservation, as well as the historic architectural value, texture and material of the building or structure in question, its appurtenant fixtures, including signs, utilities, fences, parking, site plan, landscaping and the relationship of such building and/or features to other buildings (DMC Section 17.28.100(D)).

As detailed in DMC Section 17.28.010, the purpose of Chapter 17.28, Historic Preservation, is to:

- A. Designate, preserve, protect, enhance and perpetuate those historic structures, districts, and neighborhoods which contribute to the cultural and aesthetic benefit of Dunsmuir;
- B. Foster civic pride in the beauty and accomplishments of the past;
- C. Stabilize and improve the economic value of certain historic structures, districts and neighborhoods;
- D. Protect and enhance the city's cultural and aesthetic heritage and vitality;
- E. Promote and encourage continued private ownership and utilization of such buildings and other structures now so owned and used, to the extent that the objectives listed above can be attained under such policy;
- F. Assure that every owner of an historical structure has the responsibility to assure the perpetual use/occupancy of historical structures within the Dunsmuir historical district;
- G. Establish minimum standards for assurance of care for all aspects of structures and landmarks within the Dunsmuir historical district or of historical significance, as determined by this chapter.

Further, pursuant to DMC Section 17.28.100(G), the Planning Commission must make certain findings prior to approval of a historic site alteration permit. The findings are as follows:

- 1. The action is consistent with the purposes of this chapter as reflected in Section 17.28.010; and
- 2. The action proposed will not be detrimental to a structure or feature of significant aesthetic, cultural, architectural or engineering interest or value of a historic nature; or
- 3. The applicant has demonstrated that the action proposed is necessary to correct an unsafe or dangerous condition on the property; or
- 4. The applicant has demonstrated that denial of the application will result in immediate or substantial hardship pursuant to Section 17.20.020 (B).

In order to better assess the aesthetic impact of the proposed HVAC equipment at 5751 Dunsmuir Avenue and 4213 Pine Street, photographs of the roof where the HVAC unit would be installed are provided below (see **Figures 1** and **2**). **Figure 1** shows the existing HVAC equipment located on the roof of 4213 Pine Street and **Figure 2** shows the area where similar equipment is proposed to be installed on the roof of 5751 Dunsmuir Avenue. The applicant's narrative relative to the historic site alteration permit is included in **Attachment B**. Additionally, although more detailed than necessary for a historic site alteration permit, structural calculations for the roof are included as **Attachment D**. These calculations are included because of prior discussion at the Planning Commission regarding the ability of the roof to support the HVAC equipment that was previously installed without City approvals. Should the Planning Commission approve the historic site alteration permit, the applicant will also need to obtain a building permit from the City prior to installation of the equipment.



Figure 1, Existing Equipment

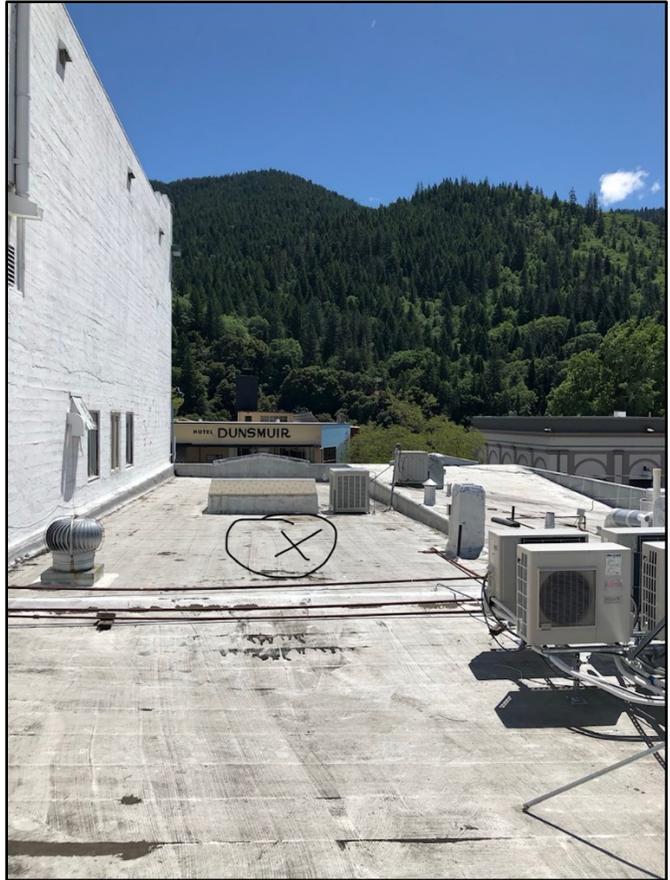


Figure 2, Proposed Location of HVAC Equipment

GENERAL PLAN AND ZONING CONSISTENCY

General Plan

The Land Use Element of the City of Dunsmuir General Plan designates the project site General Commercial (GC) and the Historic Preservation Element identifies it as being within the Dunsmuir Historic Commercial District. According to the General Plan, the GC land use designation “allows for a wide range of commercial, office, retail, service and entertainment uses primarily within the downtown area where off-street parking is limited.” The following policies and implementation measures contained in the General Plan Land Use Element and Historic Preservation Element were determined applicable to the proposed project:

Policy LU-4.1: The City shall ensure that approval of all proposed land uses consider and support compatibility with existing uses.

Implementation Measure LU-4.1.3: Upon review of discretionary permits by the City, conditions shall be added to the project approval, when warranted, to support neighborhood land use compatibility.

Implementation Measure HP-1.1.1: The City will continue to enforce the general provisions of Municipal Code Chapter 17.28, Historic Preservation.

As described in Staff Recommendation below, staff believes the project is compatible with existing uses, and conditions of approval have been recommended for adoption to support neighborhood land use compatibility and ensure compliance with Municipal Code Chapter 17.28.

Zoning/Municipal Code

As previously discussed, Dunsmuir Municipal Code Section 17.10.010 allows for indoor commercial cannabis cultivation and packaging of cannabis products in the C-2-H zoning district with a use permit consistent with the proposed project. However, the zoning regulations relative to cannabis businesses are limited, with nearly all of the City's regulations pertaining to cannabis businesses contained in Dunsmuir Municipal Code Title 5, Business Licenses and Regulations, Chapter 5.05, Regulation of Commercial Cannabis Activities.

In particular, Section 5.05.060 establishes the following regulations for cannabis cultivation:

- a. Outdoor Commercial cannabis cultivation shall not be allowed in the Dunsmuir Historic District and buffer zone.
- b. Outdoor commercial cultivation of cannabis outside of the historic district and buffer zone with a conditional use permit issued by the planning commission shall be allowed.
- c. Cannabis shall not be grown in a residence by anyone other than the resident.
- d. Cannabis cultivation shall not contain an exhibition or product sales area or allow for retail distribution of products at that location.
- e. Cannabis cultivation, and retail facilities shall be required to provide an air treatment system that ensures off-site odors shall not result from its operations. This requirement at a minimum means that the facility shall be designed to provide sufficient odor absorbing ventilation and exhaust systems so that any odor generated inside the location is not detected outside the building, on adjacent properties or public rights-of-way, or within any other unit located within the same building as the facility, if the use occupies only a portion of a building.

In addition, Municipal Code Chapter 5.05 establishes separation requirements for cannabis businesses from sensitive uses. Specifically, Section 5.05.040(a) establishes a 600-foot buffer from schools, day care homes, recreational centers, youth centers, and public parks, while Section 5.05.040(b) establishes lesser separation requirements from specifically named sensitive uses within the community, as follows:

With the exception of retail facilities operating at the time of the enactment of this ordinance, no cannabis retailer, cultivation facility, manufacturing facility, or testing facility or any other cannabis business facility may be located within a 100 feet linear footage (from property line to property line) from the Library, Children's Park, Football Field, Community Building or Parks and Recreation area (pool) as permitted by section 11362.768 of the Health and Safety Code.

The proposed project site is consistent with the Municipal Code's separation requirements in that it is located approximately 190 feet from the Dunsmuir Branch Library, approximately 360 feet from the Children's Park, and more than 600 feet distant from all other sensitive uses.

With cannabis businesses, considerations of odor can be of importance when determining whether the required findings for use permit approval can be made (see Use Permit Findings below). To address this, Dunsmuir Municipal Code Section 5.05.060(e) requires that:

Cannabis cultivation, and retail facilities shall be required to provide an air treatment system that ensures off-site odors shall not result from its operations. This requirement at a minimum means that the facility shall be designed to provide sufficient odor absorbing ventilation and exhaust systems so that any odor generated inside the location is not detected outside the building, on adjacent properties or public rights-of-way, or within any other unit located within the same building as the facility, if the use occupies only a portion of a building.

As previously discussed, the project proposes use of activated carbon filters on both the intake and exhaust end of the filtration system in the cultivation rooms to eliminate associated odors. As such, provided the air filtration system is designed as proposed and maintained accordingly, the project should be in compliance with Dunsmuir Municipal Code Section 5.05.060(e).

As with other recent use permit proposals for cannabis-related businesses, a recommended condition of approval has been included that would require the proposed use to operate “in compliance with all the requirements of Dunsmuir Municipal Code and any other local requirements, and state laws and regulations, applicable to commercial cannabis activities.” Per Condition of Approval No. 2 (see Staff Recommendation on pg. 7 below), failure to comply with any of these Code requirements would be possible grounds for revocation of the use permit, if approved by the Planning Commission.

For more information on the City’s regulations for all commercial cannabis business, please see Municipal Code Section 5.05.130.

USE PERMIT FINDINGS

In order for the Planning Commission to approve the conditional use permit and allow for indoor commercial cannabis cultivation and packaging of cannabis products at 5751 Dunsmuir Avenue and 4213 Pine Street, the Planning Commission must first make certain findings. Dunsmuir Municipal Code Section 17.20.050(A) details both the required findings and the provision for placing conditions on projects to ensure projects are not to the detriment of the City, as follows:

In order to grant any use permit the findings of the planning commission shall be that the establishment, maintenance or operation of the use or building applied for will not, under the circumstances of the particular case, be materially detrimental to the health, safety, peace, morals, comfort and general welfare of persons residing or working in the neighborhood of such proposed use or be materially detrimental to property or improvements in the neighborhood or to the general welfare of the city. The planning commission may designate such conditions in connection with the use permit as it deems necessary to secure the purpose of this title, and may require that such conditions will be complied with by the applicant.

In the opinion of staff, because the property is located in the an area of the City designated and zoned for commercial use similiar to the project, approval of the project, as conditioned, would be compatible with adjacent uses and would not have an adverse impact on the community, nor would it be materially detrimental to the health, safety, peace, morals, comfort, and general welfare of persons residing or working in the neighborhood, or be materially detrimental to property or improvements in the neighborhood or the general welfare of the City.

If the Planning Commission concurs, it would need to make the required finding for approval of a use permit prior to project approval. As such, a finding to this effect has been incorporated into the draft resolution prepared for the project. However, should concerns be raised at the public hearing that would suggest the finding cannot be made, the Planning Commission may place additional conditions on the use permit to mitigate community concerns. Conversely, if the Planning Commission does not feel that the concerns can be adequately addressed through conditions of approval, the Commission can deny the request for a use permit.

HISTORIC SITE ALTERATION PERMIT FINDINGS

As previously discussed, DMC Section 17.28.100(G) requires that the Planning Commission make certain findings prior to approval of a historic site alteration permit. Given the nature of the proposed material change and the stated purpose of Chapter 17.28, it is staff’s perspective that findings No. 1 and No. 2 for approval of a historic site alteration permit can be made. These findings are as follows:

1. The action is consistent with the purposes of this chapter as reflected in Section 17.28.010; and
2. The action proposed will not be detrimental to a structure or feature of significant aesthetic, cultural, architectural or engineering interest or value of a historic nature.

If the Planning Commission concurs, it would need to make the findings prior to project approval. As such, findings to this effect have been incorporated into the draft resolution prepared for the project.

ENVIRONMENTAL RECOMMENDATION

Staff recommends that the project is categorically exempt from environmental review under Sections 15301, Existing Facilities, and 15332, In-Fill Development, of the California Environmental Quality Act (CEQA) Guidelines. The “Existing Facilities” exemption applies to “the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency’s determination.” The “In-Fill Development” exemption applies to projects characterized as in-fill development meeting the following conditions:

- (a) The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.
- (b) The proposed development occurs within city limits on a project site of no more than five acres substantially surrounded by urban uses.
- (c) The project site has no value as habitat for endangered, rare or threatened species.
- (d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.
- (e) The site can be adequately served by all required utilities and public services.

In addition, staff recommends that the project is exempt from environmental review pursuant to Section 15061(b)(3) of the CEQA Guidelines under the “commonsense exemption” that CEQA only applies to projects that have the potential for causing a significant effect on the environment.

If the Planning Commission concurs, it would need to make the finding that the project is exempt from CEQA prior to project approval. As such, a finding to this effect has been incorporated into the draft resolution prepared for the project.

STAFF RECOMMENDATION

Staff has reviewed the application materials and, based on the material in the record and the information provided in this staff report, staff recommends approval of the Dunsmuir Organic Gardens Use Permit application subject to the following conditions:

1. The proposed use(s) shall be conducted as described in the application and supporting information as approved by the Planning Commission and in accordance with other laws and ordinances.
2. Commercial cannabis activities, as authorized by Chapter 5.05 and Section 17.10.010 of the Dunsmuir Municipal Code, shall be located and operated in compliance with all the requirements of Dunsmuir Municipal Code and any other local requirements, and state laws and regulations, applicable to commercial cannabis activities.

3. The facility shall include an air treatment system that ensures off-site odors will not result from its operations. At a minimum, the facility shall be designed to provide sufficient odor absorbing ventilation and exhaust systems so that any odor generated inside the location will not be detected outside the building, on adjacent properties or public rights-of-way, or within any other unit located within the same building as the facility.
4. Within 60 days of project approval, a complete Commercial Cannabis Business Permit shall be submitted to the City Manager or his/her designee for review and approval.
5. If the Use Permit, Commercial Cannabis Business Permit, or state license(s) associated with this land use entitlement are revoked, expired, or otherwise deemed ineffective, all commercial cannabis activities on the project site shall cease, until all applicable permits and agreements have been reinstated.
6. Once the applicant has obtained his/her Commercial Cannabis Business Permit, s/he shall have six months from the effective date of issuance of the permit to obtain the required license(s) from the State. If all state licenses and approvals required to operate the commercial cannabis activity are not obtained within the six-month period, the Commercial Cannabis Business Permit shall not be renewed.
7. Prior to issuance of a Commercial Cannabis Business Permit, the applicant shall provide a security plan to the City Manager or his/her designee for review and approval. The security plan shall be reviewed annually or as often as deemed necessary by the City Manager or his/her designee.
8. Prior to issuance of a Commercial Cannabis Business Permit, the owner/operator shall designate a person who shall be available at all times to communicate with the Siskiyou County Sheriff's Office and Dunsmuir Code Enforcement.
9. Prior to issuance of a Commercial Cannabis Business Permit, the applicant shall designate a person who shall be available at all times to respond to community inquiries and complaints.
10. All proposed advertising signage shall be reviewed and approved by the Planning Commission as required by Dunsmuir Municipal Code Chapter 17.28.
11. Prior to occupancy and/or the issuance of a Commercial Cannabis Business Permit, building permit(s) shall be obtained, as necessary, and the project must conform with the Uniform Building Code. All unpermitted portions of the existing building, including unpermitted interior improvements on compartmentalized portions of the existing structure, shall obtain building permits and shall comply with the provisions of the code set forth in the most current adopted Building Code. It shall be unlawful for any person, firm, or corporation to erect, construct, alter, or occupy any building or portions of any buildings where unpermitted work exists.
12. No change shall be made in the use or occupancy of the building unless such building is made to comply with the requirements of the most current adopted Uniform Building Code.
13. The applicant, shall defend, indemnify and hold harmless the City, its agents, officers, employees, and consultants from any claim, action, or proceeding (collectively, "Action") against the City, its agents, officers, employees, or consultants to attack, set aside, void, or annul the approvals, or any part thereof, or any decision, determination, or Action, made or taken approving, supplementing, or sustaining, the project or any part thereof, or any related approvals or project conditions imposed by the City or any of its agencies, departments, commissions, agents, officers employees, or consultants, concerning the project, or to impose personal liability against such agents, officers, employees, or consultants resulting from their non-negligent

involvement in the project, which action is brought within the time period provided by law, including any claim for private attorney general fees claimed by or awarded to any party from the City.

In addition, staff recommends approval of the historic site alteration permit for installation of the HVAC equipment. Ultimately, staff recommends that the Planning Commission take the following actions:

- **Adopt** the Findings of Consistency with the General Plan and Zoning/Municipal Codes;
- **Adopt** the CEQA Exemptions; and
- **Adopt** Resolution PC-2020-11, A Resolution of the Planning Commission of the City of Dunsmuir Conditionally Approving the Dunsmuir Organic Gardens Use Permit Application and Approving the Historic Site Alteration Permit for 5751 Dunsmuir Avenue and 4213 Pine Street (APN 058-084-140).

SUGGESTED MOTION

I move that we make the finding that the proposed project would not have a significant adverse effect on the environment, that we adopt the recommended CEQA exemptions, and that we adopt Resolution PC-2020-11 conditionally approving the Dunsmuir Organic Gardens use permit application and approving the historic site alteration permit.

ATTACHMENT A
DRAFT RESOLUTION PC-2020-11

RESOLUTION PC-2020-11
A RESOLUTION OF THE PLANNING COMMISSION OF THE CITY OF DUNSMUIR
CONDITIONALLY APPROVING THE DUNSMUIR ORGANIC GARDENS
USE PERMIT APPLICATION AND APPROVING THE HISTORIC SITE ALTERATION PERMIT
FOR 5751 DUNSMUIR AVENUE AND 4213 PINE STREET (APN 058-084-140)

WHEREAS, 5751 Dunsmuir Avenue and 4213 Pine Street are located in the Dunsmuir Historic District; and

WHEREAS, Dunsmuir Municipal Code Section 17.10.010 permits indoor commercial cannabis cultivation and packaging in the Central Commercial Historic District (C-2-H) subject to obtaining a use permit; and

WHEREAS, Dunsmuir Municipal Code Section 5.05.070 prohibits any person, association, partnership or corporation from engaging in, conducting or carrying on, in or upon any premises within the City cannabis business without a Commercial Cannabis Business Permit; and

WHEREAS, Dunsmuir Municipal Code Section 5.05.030 defines “Indoor Cultivation Facility” as a facility which is licensed by the City of Dunsmuir and the State of California for the growing of cannabis within an enclosed building for the purposes of wholesale of cannabis to cannabis manufacturing facilities or cannabis retailers; and

WHEREAS, Dunsmuir Organic Gardens has applied for a use permit for 5751 Dunsmuir Avenue and 4213 Pine Street (APN 058-084-140) for the purpose of establishing an indoor cannabis cultivation, processing, propagation, and packaging facility at that location; and

WHEREAS, the proposed use is consistent with zoning designations and the applicable policies of the City of Dunsmuir General Plan; and

WHEREAS, Dunsmuir Organic Gardens has also applied for a historic site alteration permit to allow for installation of HVAC equipment on the roof of 5751 Dunsmuir Avenue and 4213 Pine Street; and

WHEREAS, the Planning Commission determined that the proposed HVAC equipment would be consistent with the purpose of the Historic Preservation chapter of the Dunsmuir Municipal Code, as reflected in Section 17.28.010; and

WHEREAS, the Planning Commission determined the proposed HVAC equipment would not be detrimental to a structure or feature of significant aesthetic, cultural, architectural or engineering interest or value of a historic nature; and

WHEREAS, the Planning Commission further determined that the project is exempt from the California Environmental Quality Act (CEQA) pursuant to Sections 15301, 15332, and 15061(b)(3) of the CEQA Guidelines because the project entails use of an existing private facility, consists of infill development, and because CEQA only applies to projects that have the potential for causing a significant effect on the environment; and

WHEREAS, staff presented oral and written staff reports on the Dunsmuir Organic Gardens Use Permit & Historic Site Alteration Permit application at a regular meeting of the Planning Commission on June 10, 2020; and

WHEREAS, staff recommended that the Planning Commission approve the Dunsmuir Organic Gardens Use Permit application subject to the findings and conditions of approval included in the staff report dated June 10, 2020, and incorporated herein; and

WHEREAS, staff recommended that the Planning Commission approve the Dunsmuir Organic Gardens Historic Site Alteration Permit subject to the findings included in the staff report dated June 10, 2020, and incorporated herein; and

WHEREAS, a Notice of Public Hearing was published in the Dunsmuir News on May 27, 2020; and

WHEREAS, public hearing notices were posted, advertised, and mailed pursuant to Sec. 17.24.060(B) of the Dunsmuir Municipal Code and California Government Code Sec. 65090 et seq.; and

WHEREAS, on June 10, 2020, the Chair of the Dunsmuir Planning Commission opened the duly noticed public hearing on the Dunsmuir Organic Gardens Use Permit & Historic Site Alteration Permit to receive public testimony, following which the Chair of the Planning Commission closed the public hearing and the Planning Commission discussed the Dunsmuir Organic Gardens Use Permit & Historic Site Alteration Permit prior to reaching its decision.

NOW, THEREFORE, BE IT RESOLVED that the Planning Commission adopts the recommended findings set forth in the written staff report dated June 10, 2020, and incorporated herein above; and

BE IT FURTHER RESOLVED that the Planning Commission, based on the evidence in the record, including the findings set forth in the written staff report dated June 10, 2020, and incorporated herein above, approves the Dunsmuir Organic Gardens Use Permit application subject to the conditions of approval included in Exhibit A to this resolution.

BE IT FURTHER RESOLVED that the Planning Commission, based on the evidence in the record, including the findings set forth in the written staff report dated June 10, 2020, and incorporated herein above, approves the Dunsmuir Organic Gardens Historic Site Alteration Permit.

IT IS HEREBY CERTIFIED that the foregoing Resolution PC-2020-11 was duly adopted on a motion by Commissioner _____ and seconded by Commissioner _____ at a regular meeting of the City of Dunsmuir Planning Commission held on the 10th day of June 2020, by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

CITY OF DUNSMUIR PLANNING COMMISSION

Josh Spurlock, Chair

WITNESS, my hand and seal this 10th day of June 2020

Wendy Perkins, Deputy City Clerk

DUNSMUIR ORGANIC GARDENS USE PERMIT - CONDITIONS OF APPROVAL

1. The proposed use(s) shall be conducted as described in the application and supporting information as approved by the Planning Commission and in accordance with other laws and ordinances.
2. Commercial cannabis activities, as authorized by Chapter 5.05 and Section 17.10.010 of the Dunsmuir Municipal Code, shall be located and operated in compliance with all the requirements of Dunsmuir Municipal Code and any other local requirements, and state laws and regulations, applicable to commercial cannabis activities.
3. The facility shall include an air treatment system that ensures off-site odors will not result from its operations. At a minimum, the facility shall be designed to provide sufficient odor absorbing ventilation and exhaust systems so that any odor generated inside the location will not be detected outside the building, on adjacent properties or public rights-of-way, or within any other unit located within the same building as the facility.
4. Within 60 days of project approval, a complete Commercial Cannabis Business Permit shall be submitted to the City Manager or his/her designee for review and approval.
5. If the Use Permit, Commercial Cannabis Business Permit, or state license(s) associated with this land use entitlement are revoked, expired, or otherwise deemed ineffective, all commercial cannabis activities on the project site shall cease, until all applicable permits and agreements have been reinstated.
6. Once the applicant has obtained his/her Commercial Cannabis Business Permit, s/he shall have six months from the effective date of issuance of the permit to obtain the required license(s) from the State. If all state licenses and approvals required to operate the commercial cannabis activity are not obtained within the six-month period, the Commercial Cannabis Business Permit shall not be renewed.
7. Prior to issuance of a Commercial Cannabis Business Permit, the applicant shall provide a security plan to the City Manager or his/her designee for review and approval. The security plan shall be reviewed annually or as often as deemed necessary by the City Manager or his/her designee.
8. Prior to issuance of a Commercial Cannabis Business Permit, the owner/operator shall designate a person who shall be available at all times to communicate with the Siskiyou County Sheriff's Office and Dunsmuir Code Enforcement.
9. Prior to issuance of a Commercial Cannabis Business Permit, the applicant shall designate a person who shall be available at all times to respond to community inquiries and complaints.
10. All proposed advertising signage shall be reviewed and approved by the Planning Commission as required by Dunsmuir Municipal Code Chapter 17.28.
11. Prior to occupancy and/or the issuance of a Commercial Cannabis Business Permit, building permit(s) shall be obtained, as necessary, and the project must conform with the Uniform Building Code. All unpermitted portions of the existing building, including unpermitted interior improvements on compartmentalized portions of the existing structure, shall obtain building permits and shall comply with the provisions of the code set forth in the most current adopted

Building Code. It shall be unlawful for any person, firm, or corporation to erect, construct, alter, or occupy any building or portions of any buildings where unpermitted work exists.

12. No change shall be made in the use or occupancy of the building unless such building is made to comply with the requirements of the most current adopted Uniform Building Code.
13. The applicant, shall defend, indemnify and hold harmless the City, its agents, officers, employees, and consultants from any claim, action, or proceeding (collectively, "Action") against the City, its agents, officers, employees, or consultants to attack, set aside, void, or annul the approvals, or any part thereof, or any decision, determination, or Action, made or taken approving, supplementing, or sustaining, the project or any part thereof, or any related approvals or project conditions imposed by the City or any of its agencies, departments, commissions, agents, officers employees, or consultants, concerning the project, or to impose personal liability against such agents, officers, employees, or consultants resulting from their non-negligent involvement in the project, which action is brought within the time period provided by law, including any claim for private attorney general fees claimed by or awarded to any party from the City.

ATTACHMENT B
APPLICANT'S NARRATIVES FOR CUP & HSAP

DUNSMUIR ORGANIC GARDENS, LLC

(Still Woman Owned and Still Women Operated!!)

We hope to expand our business to a 2nd location because WE LOVE DUNSMUIR!!

Statement of Intent for Cornerstone Building (amended):

Dunsmuir Organic Gardens intends to continue growing, processing, and packaging high quality indoor cannabis at a 2nd location.

Dunsmuir Organic Gardens intends to become a 100% locally grown cannabis brand founded in Dunsmuir by a group of tenacious women dedicated to supporting their local community.

Cultivation

Inside the Cornerstone building we intend to cultivate in 3 separate grow rooms. Each cultivation room will have a professionally installed lighting system with individual power receptacles. Cannabis plants will be grown under high pressure sodium lamps on tables that drain into the facility sewer system. The rooms are quiet and designed not to leak light, sound, or odors.

Propagation Room

The propagation room will be used to germinate seeds and root cuttings taken from adult plants. This room will house immature plants until they are mature enough to move into cultivation rooms. Immature plants will sit on tables designed to drain into the facility sewer system. Lighting will come from 120 volt fluorescent lamps.

Processing and Packaging

At the Cornerstone location Dunsmuir Organic Gardens intends to process and package our finished product and then participate in the required track and trace system for reporting the movement of commercial cannabis throughout the distribution chain. Inside the Cornerstone building we will have a sealed room with odor control used to dry, manicure, and package cannabis products. Cannabis will be manicured by hand or by a small machine and then packaged by weight into child proof packaging. After proper labeling and packaging the finished product will be stored until ready for testing.

After products have been tested to meet the specifications set by the Bureau of Cannabis Control they can be safely transported and traced to licensed retailers.

Odor Control

We will use an activated carbon air filtration system designed to eliminate volatile organic compounds, gaseous pollutants, and all known odors associated with cannabis cultivation.

We will have 3 separate cultivation rooms, a propagation room, and a processing and packaging room. Each room will have industrial fans specifically designed for indoor cannabis cultivation. Activated carbon filters will be installed on both the intake and exhaust end of the filtration system in each room to eliminate associated cannabis cultivation odors.

The filtration and air treatment system will ensure off-site odors shall not result from the cannabis business operations. The air filtration system is designed to provide sufficient odor absorbing ventilation and exhaust systems so that any odor generated inside the location is not detected outside the building, on adjacent properties or public rights-of-way, or within any other unit located within the building. The system will be maintained as necessary to ensure adequate odor control.

Unusable Cannabis Storage

We will have a designated space to store unusable cannabis selected for destruction. Unused cannabis will be placed in sealed trash bags and stored in a locked area until it is ready for transport to the local landfill or transfer station by personnel.

Pesticide and Fertilizer Storage

Dunsmuir Organic Gardens will only use 100% organic products. We will have an enclosed area with locking doors to store plant food and nutrients. All nutrients and fertilizers will be properly labeled and handled to the required specifications. We will immediately register with the *Department of Pesticide Regulation* whenever using any hazardous chemicals or pesticides that mandate registration.

Security

Dunsmuir Organic Gardens will utilize interior and exterior cameras located on the property and will be monitored at all times by closed circuit. The cameras and recording system will be of high quality and the color rendition and resolution will allow the sufficient identification of any individual committing a crime near the premises. All controlled access areas, security rooms (identified as storage rooms on site map) and all points of ingress/egress will have fixed camera coverage capable of identifying activity occurring within a minimum of twenty (20) feet. Camera

video recordings will be maintained unaltered and stored digitally in a secure onsite location for a period of fourteen (14) days. These recordings will be available for inspection at any time during this period.

Parking

Dunsmuir Organic Garden staff and employees who choose to drive will park in public parking areas provided along Dunsmuir Avenue and Pine Street. There is also ample parking in a public lot on Sacramento Avenue within approximately 200 yards of the property.

Site Alteration Permit- 4213 Pine Street

Applicant: Dunsmuir Organic Gardens, LLC (DOG with Leslie Wilde as business owner/agent).

Statement of Intent: Install HVAC system on roof at 4213 Pine Street in compliance with Conditional Use Permit (CUP) requirements.

Scope of the Proposed Project:

We anticipate any Conditional Use Permit (CUP) issued by the Dunsmuir Planning Commission will include the follow condition:

“The facility shall include an air treatment system that ensures off-site odors will not result from its operations. At a minimum, the facility shall be designed to provide sufficient odor absorbing ventilation and exhaust systems so that any odor generated inside the location will not be detected outside the building, on adjacent properties or public rights-of-way, or within any other unit located within the same building as the facility.”

In order to attain the necessary air treatment required by the CUP I am seeking the Planning Commission’s approval to install an HVAC system that will partially extend above the existing roof. The proposed HVAC system includes:

- An Indirect-Direct Evaporative Cooling (IDEC) classification. These systems use up to 80% less energy. These systems also do not require as much maintenance nor do they create environmental issues compared to traditional units because they have no GWP, CFCs, or HFCs. These units are better for the environment and therefore better for the Cities which allow them;
- The size and weight of the system will be determined by an architectural engineer to ensure the structural integrity of the roof and will not be compromised in any manner;
- The system not be visible from the public right-of way;
- The system will ensure no off-site odors result from the cannabis operations.

ATTACHMENT C
PREMISES DIAGRAM

ATTACHMENT D
STRUCTURAL CALCULATIONS

STRUCTURAL CALCULATIONS
FOR
ROOF FRAMING UPGRADES
FOR
5751 DUNSMUIR AVE.

CONTENTS:

Design Loads1
Roof framing at new and existing roof top units1 – 11
Channel strut support frame at existing and new roof top units12 – 15



PACE JOB NO.: 2773.01

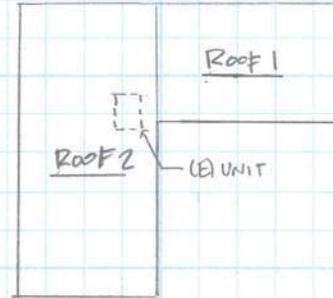
DATE: December 2019

ROOF DL:

ROOFING	5 PSF
1X DECKING	2.5
2X4 @ 16" OC	1.1
MISC	1.4
	<hr/>
	10 PSF

CEILING DL:

2X14 @ 16" OC	4.1 PSF
CLG	2.2
INSUL	0.5
MISC	1.9
	<hr/>
	8 PSF



ROOF SNOW LOAD = 70 PSF

Roof 1:

2X4 @ 16 SPAN = 6' ±

$$W = (10' + 70') (1.33) = 106 \text{ #/ft}$$

$$M = 106 (6^2/8) = 477 \text{ #ft}$$

$$R = 106 (6/2) = 318 \text{ #}$$

$$f_b = 477 \times 12 / 3.06 = 1871 \text{ PSI} < F_b' \text{ OK}$$

$$F_b' = 1000 \times 1.15 \times 1.15 \times 1.5 = 1984 \text{ PSI}$$

DF #1 CD CR CP
ASSUMED

$$f_v = 318 \times 1.5 / 5.25 = 911 \text{ PSI, OK}$$

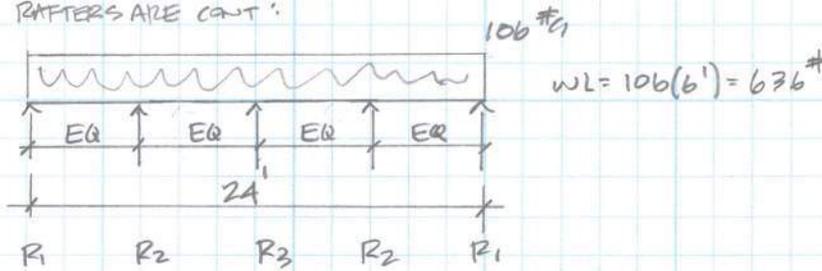
$$\Delta_{TL} = 5(106)(6^4)(1728) / 384 \times 1.7 \times 10^6 \times 5.359 = .33 \text{ (1/212) (OK FOR NON-CLG)}$$

(E) 2X4 RAFTERS @ 16" OC OK
AT ROOF #1 FOR
DL + SL, NEW FRMS REQ'D
UNDER (N) UNITS

AT ROOF 2 2X4'S SPAN 18'-24"
∴ (N) FRMS IS ALSO REQ'D UNDER
(N) UNITS

Roof 1 CONT'D:

RAFTERS ARE CONT:

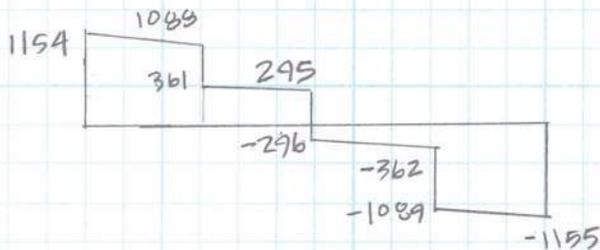
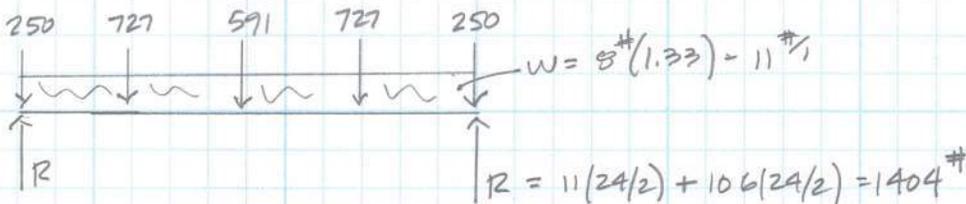


$$R_1 = 636(11/28) = 250 \#$$

$$R_2 = 636(17/28) + 636(15/28) = 727 \#$$

$$R_3 = 636(13/28)(2) = 591 \#$$

CLG JOISTS:



$$M = 295(6) + 66(6/2) + 1089(6) + 66(6/2) = 8694 \#1$$

$$\text{CHECK } 1\frac{1}{2} \times 14\frac{3}{4} \quad S = 1.5(14.75^2/6) = 54.4 \quad I = 1.5(14.75^3/12) = 401$$

$$f_b = 8694 \times 12 / 54.4 = 1918 \text{ psi} > F'_b, \text{NG}$$

$$F'_b = 1000 \times 1.15 \times 1.15 \times 0.9 = 1190 \text{ psi}$$

CD CR CF

$$f_v = 1.5(1404) / (1.5)(14.75) = 95 \text{ psi, OK}$$

$$M = WL^2/8 \therefore W = 8M/L^2$$

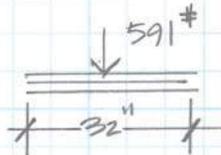
$$W_{eq} = 8(8694) / 24^2 = 120.9 \#/1$$

$$\Delta = 5(120.9)(24^4)(1728) / 384 \times 1.7 \times 10^6 \times 401 = 1.30 \text{''} \quad 1/222 \text{ OK FOR NON-PLATE CLG}$$

(E) 2X14 CLG JOIST ARE NOT
OK FOR DL+SL, MUST
ADD NEW FIRM G AT (N) UNITS

SAME CONDITION AT ROOF 2

CHECK DBL TOP PL @ MID-SPAN - ROOF 1



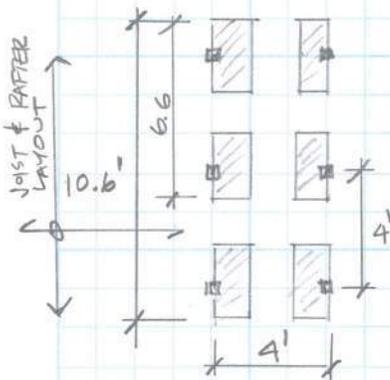
$$M = 591(2.67/4) = 394 \#$$

$$S = 3.5(3^2/6) = 5.25$$

$$f_b = 394 \times 12 / 5.25 = 901 \text{ PSI OK}$$

ADD PLUG UNDER SINGLE TOP PL AT ROOF 2

POINT LOADS @ (E) UNITS - ROOF 2



6 UNITS PER UNIT IS APPROX CENTERED O/ VERT STRUT

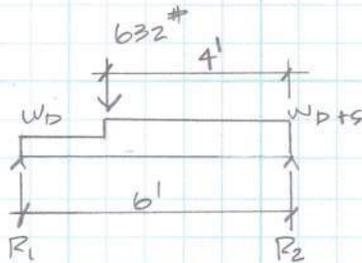
$$P_{DL} = 137 \times 6 = 822 \# / 6 = 137 \#$$

$$P_{SL} = 10.6 \times 4 \times 70 \text{ PSF} = 2968 \# / 6 = 495 \#$$

$$P_{TL} = 137 + 495 = 632 \#$$

ASSUMING SNOW LOAD O/ ENTIRE AREA OF UNITS (10.6' x 4') FOR CHECKING ROOF & CEILING FRAMING

ROOF 2 RAFTERS UNDER (E) UNITS



$$W_D = 10(1.37) = 13$$

$$W_S = 70(1.37) = 93$$

$$W_{TL} = 106$$

$$R_1 = [632(4) + 106(4)(2) + 13(2)(5)] / 6 = 584 \#$$

$$R_2 = [632(2) + 13(2)(1) + 106(4)(4)] / 6 = 498 \#$$

$$M = 584(2) + 26(2)(1/2) = 1142 \#$$

FOR DBL 2x4 $S = 6.125$ $f_b = 2237 \text{ N/G}$

$$I = 10.72$$

FOR POINT LOAD CENTERED BTWN (2) RAFTERS: $632/2 = 316 \#$

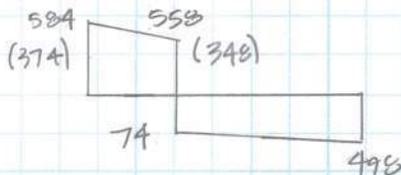
$$R_1 = 374 \#$$

$$R_2 = 392 \#$$

$$M = 346(2) + 26(2)(1/2) = 722 \#$$

$$f_b = 1414 \text{ PSI DBL 2x4 OK } 1000 \times 1.15 \times 1.5 \times 1.15 = 1984$$

$$f_v = 1.5(392) / 3.5(3) = 56 \text{ PSI OK}$$



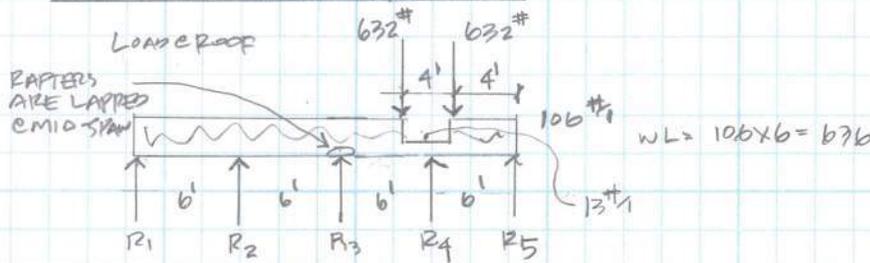
ROOF 2 RAPTERS CONT'D

$$w_{eq} = 8M/L^2 = 8(722)/6^2 = 160$$

$$\Delta_{TL} = 5(160)(6^4)(1728)/384 \times 1.7 \times 10^6 \times 10.72 = .26'' \quad (L/277 \text{ OK})$$

USE DRL 2x4 @ 16" OC MAX
SPACING EA SIDE OF SUPPORT
LEG'S @ (E) MEZH UNITS

CLG JOISTS UNDER (E) UNITS:



$$R_1 = 3/6(636) = 239\#$$

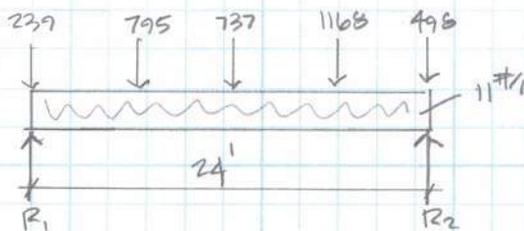
$$R_2 = 5/6(636)(2) = 795\#$$

$$R_3 = 3/6(636) + 496 = 737\#$$

$$R_4 = 584 \times 2 = 1168\#$$

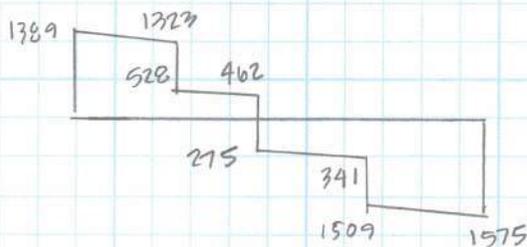
$$R_5 = 496$$

SEE R₁ + R₂ FROM P. 4 ASSUME UNIT SUPPORT LEGS ALIGN @ JOIST



$$R_1 = [239(24) + 795(18) + 737(12) + 1168(6)] / 24 + 11 \times 24 / 2 = 1628\#$$

$$R_2 = [795(6) + 737(12) + 1168(18) + 496(24)] / 24 + 11 \times 24 / 2 = 2073\#$$



$$M = 462(6) + 66(6/2) + 1323(6) + 66(4/2) = 11,106\#'$$

$$f_v = 1.5(2073) / 1.5(14.75) = 141 \text{ psi} < 180 \text{ psi}$$

CLG JOISTS @ (E) UNITS CONT'D

TRY $1\frac{3}{4} \times 14$ LVL UNDER TO (E) $1\frac{1}{2} \times 14\frac{3}{4}$

	1.75×14 LVL	1.5×14.75 DF	
I	400	401	
E	1.6×10^6	1.7×10^6	
% LOAD	51	49	~ APPROX = DISTRIBUTION
S	57.2	54.4	

$$M = 11,106 \left(\frac{1}{2}\right) = 5553 \text{ #1}$$

$$f_{b \text{ LVL}} = 5553 \times 12 / 57.2 = 1165 \text{ psi}$$

$$f_{b \text{ 2x14}} = 5553 \times 12 / 54.4 = 1225 \text{ psi} < 1000 \times 1.15 \times 1.15 \times .9 = 1190 \text{ NG}$$

TRY $1\frac{3}{4} \times 16$ LVL:

		1.5×14.75 DF
I	597	401
E	1.9×10^6	1.7×10^6
% LOAD	61	39
$\frac{EI}{EI_{\text{TOTAL}}}$		

$$f_{b \text{ 2x14}} = 11106 \times 12 \times .39 / 54.4 = 955 \text{ psi} < 1190 \text{ OK}$$

$$f_{b \text{ LVL}} = 11106 \times 12 \times .61 / 57.2 = 1421 \text{ psi} < 2400 \text{ OK}$$

$$W_{\text{eq}} = 8 \text{ M/L}^2 = 8(11106) / 24^2 = 154.3 \text{ #1}$$

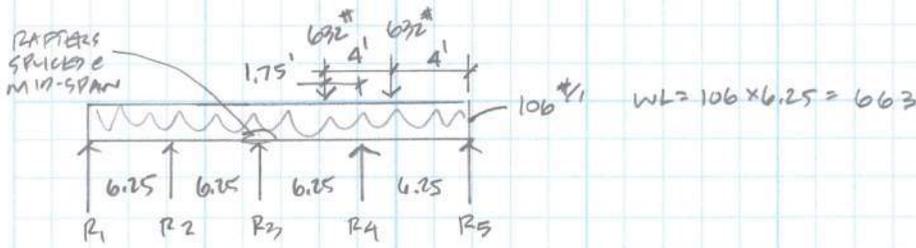
$$\Delta_{\text{2x14}}^{\text{TL}} = 5(154.3)(24^4)(1728) / 334 \times 1.7 \times 10^6 \times 401 = 1.69 \times .39 = .66 \checkmark$$

$$\Delta_{\text{LVL}}^{\text{TL}} = 5(154.3)(24^4)(1728) / 304 \times 1.9 \times 10^6 \times 597 = 1.07 \times .61 = .65 \checkmark$$

L/496 OK

ADD $1\frac{3}{4} \times 16$ LVL TO
EA 2x14 UNDER (E) UNIT

CHECK FOR CLG JOINT FOR 25' SPAN



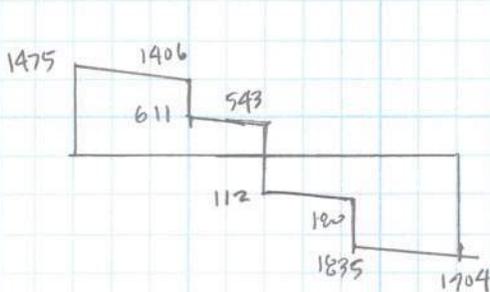
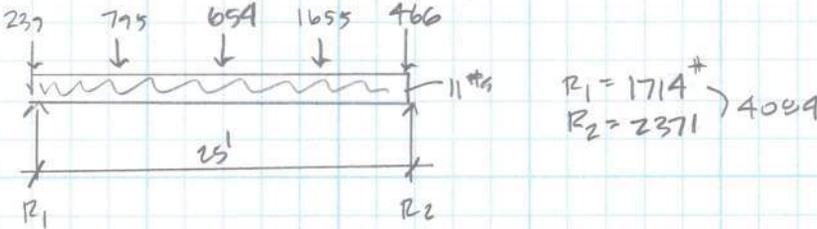
$$R_1 = \frac{3}{8}(663) = 239$$

$$R_2 = \frac{5}{8}(663)(2) = 795$$

$$R_3 = \frac{3}{8}(663)(2) + 632(1.75/6.25) = 654$$

$$R_4 = \frac{5}{8}(663)(2) + 632(4.5/6.25) + 632(4/6.25) = 1655$$

$$R_5 = \frac{3}{8}(663) + 632(2.25/6.25) = 466$$



$$M = 543(6.25) + 1406(6.25) + 62(6.25) = 12606 \text{ #1}$$

$$f_{baxia} = 12606 \times 2.79 / 54.4 \times 12 = 1089 < 1190 \text{ ok}$$

$$f_{bLVL} = 12606 \times 0.61 / 57.2 \times 12 = 1613 < 2400 \text{ ok}$$

↑ S FOR 14" LVL

$$f_v = 1.5(2371) / 1.5 \times 14.75 = 161 \text{ psi} < 120 \text{ psi ok}$$

CHECK BM STABILITY

$$L_u = 6.25' \times 12 = 75 \quad L_e = 1.54 L_u = 116$$

$$R_B = \left[\frac{116(16)}{3252} \right]^{0.5} = 13.3$$

$$F_{BE} = 1.2(620,000) / 13.3^2 = 4206$$

$$F_b^* = 1190$$

$$F_{BE} / F_b^* = 3.57$$

$$C_L = 0.98$$

FOR AN LVL TO LVL

$$f_b = 12606 \times 12 / 57.2 = 2645$$

$$F_b' = 2400 \times 1.15 \times 0.98 = 2650$$

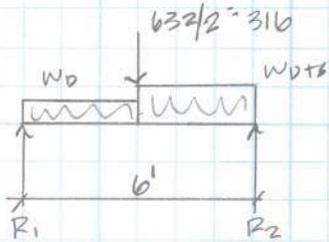
$$C_F = \left(\frac{12}{16} \right)^{1.36} = 0.96$$

LVL CAN TAKE ALL LOADS

ROOF 1 - CHECK (N) UNITS (HEAT PUMPS)

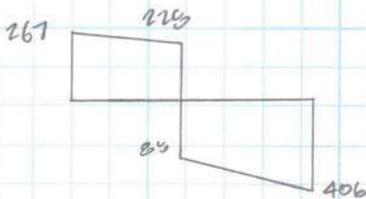
(A) NEW HEAT PUMPS - SAME LOAD DISTRIBUTION AS (E) UNITS

CHECK FOR PT LOAD CENTERED ON (E) RAFTER & CENTERED BTWN (2) RAFTERS



$W_D = 13 \#/1$
 $W_S = 93 \#/1$
 $W_{TL} = 106 \#/1$

$R_1 = [316(3) + 106(3)(1.5) + 13(3)(4.5)] / 6 = 267 \#$
 $R_2 = [316(3) + 106(3)(4.5) + 13(3)(1.5)] / 6 = 406 \#$



$M = 267(3) + 39(3)(1/2) = 743 \#1$

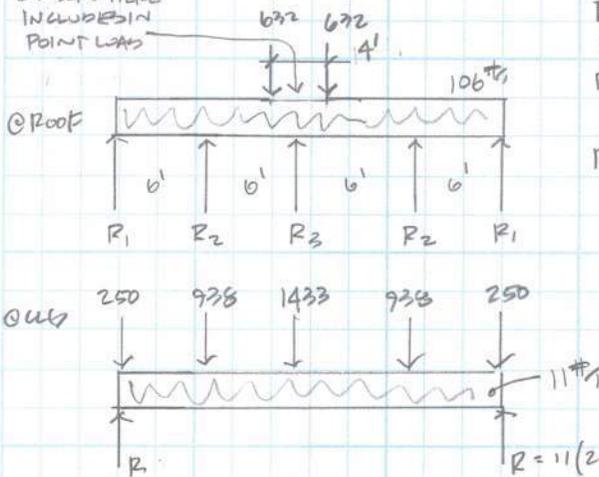
FOR DBL 2X4 @ 16" OC

$f_b = 743 \times 12 / (6.125) = 1456 < 1984 \text{ OK}$
DF #1

USE DBL 2X4 @ 16" OC MAX

CHECK CLG JOISTS - W/ UNIT CENTERED:

SNOW LOAD CONSIDER HERE INCL. DESIGN POINT LOADS

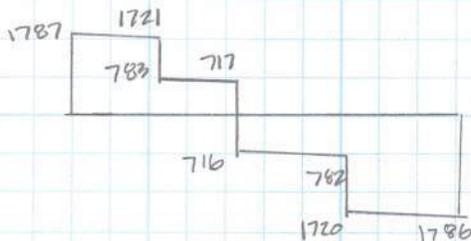


$R_1 = 250 \#$ (P. 2)

$R_2 = 727 \#$ (P. 2) + $632(2/6) = 938 \#$

$R_3 = 591 \#$ (P. 2) + $632(4/6)(2) = 1433 \#$

$R = 11(24/2) + 3809/2 = 2037 \#$



$M = 717(6) + 66(6/2) + 1721(6) + 66(6/2) = 15024 \#1$

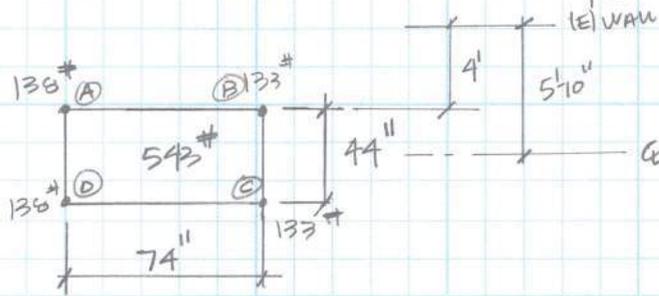
CHECK 1 3/4" X 6" LVL W/ (E) 2X14

SEE P. 5

$f_b 2X14 = 15024 \times .39 / (54.4 \times 12) = 1293 > 1190 \text{ (N)}$

LIMIT CENTER OF UNITS TO 6' MAX FROM END OF RAFTER/CLG JOIST SIM TO (E) CONDITION AT ROOF2

ROOF 1 + CHEEK (N) RTU (RYANT 582K-05) (ON CURB)

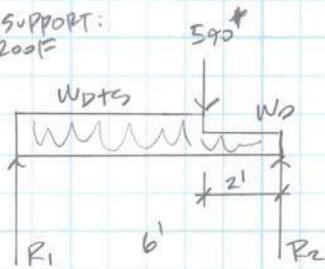


CORNER LOADS w/ SNOW: $(74 \times 44) / 144 \times 70 = 1583 \#$

AT A + B $1583 \left(\frac{136}{543} \right) = 402 \#$
 AT B + C $1583 \left(\frac{133}{543} \right) = 388 \#$

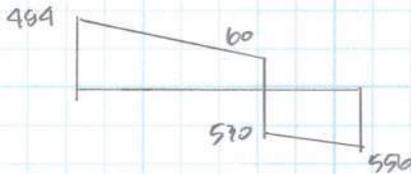
MAX POINT LOAD = $402 + 136 = 540 \# < 632 \#$ PER (E) UNIT @ ROOF 2 P. 3
 $+ 200 \# / 4$ CURB $= \frac{50}{590 \#} < 632 \# \therefore$ USE SAME CLS JOIST REPAIR

(N) SUPPORT:
@ ROOF



$w_D = 10 \# (1.37) = 13$
 $w_S = 70 (1.37) = 96$
 $\frac{106 \# / ft}$

$R_1 = [590(2) + 13(2)(1) + 106(4)(4)] / 6 = 484 \#$
 $R_2 = [590(4) + 13(2)(5) + 106(4)(2)] / 6 = 596 \#$



$M = (484 - 60)(4/2) + 60(4) = 1088 \# \cdot ft$
 $w_{eq} = \frac{6M}{L^2} = \frac{6(1088)}{6^2} = 242 \# / ft$

FOR RAFTER ALIGNED UNDER CURB

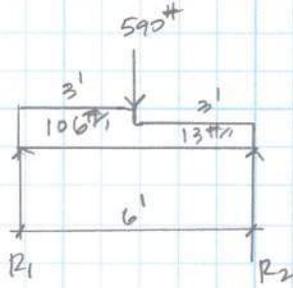
TRY 4x6 FURT: $S_y = 11.23$ #9 C₃ CF
 $f_b = 1000 \times 12 / 11.23 = 1163 \text{ psi} < 900 \times 1.15 \times 1.3 = 1346 \text{ psi OK}$

$\Delta = \frac{5(242)(6^4)(1728)}{3 \times 29 \times 19.65 \times 1.6 \times 10^6} = .22 \text{ (1/321 OK)}$
 IY

USE 4x6 PLAT MIN

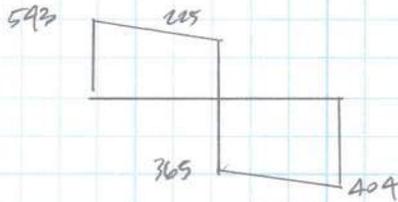


CHECK IF LOAD IS CENTERED ON 6' SPAN: (RTU)



$$R_1 = [13(3)(1.5) + 590(3) + 106(3)(4.5)] / 6 = 543 \#$$

$$R_2 = [3(106)(1.5) + 590(3) + 13(3)(4.5)] / 6 = 404 \#$$

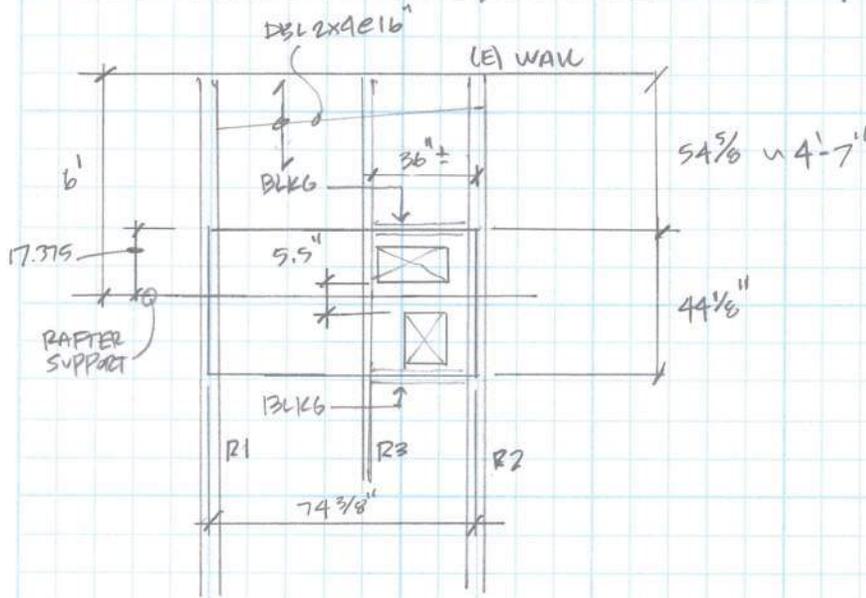


$$M = 225(3) + 310(3/2) = 1152 \# \cdot \text{ft}$$

4x6 FLAT: $f_b = 1152 \times 12 / 11.23 = 1231 \text{ psi}$ OK < 1340 OK

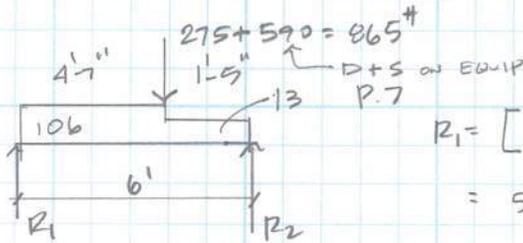
4x6 FLAT OK

CHECK FRMG LAYOUT W/ DUCT OPNG'S (RTU)



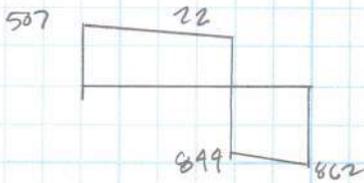
R1: 4x6 FLAT OK PER P. 7 & 8

R2: LOAD FROM BLK6: $(10^* + 70^*) (4.58/2) (3/2) = 275^*$



$$R_1 = [865(1.42) + 13(1.42^2/2) + 106(4.58)(3.71)]/6 = 507^*$$

$$R_2 = [865(4.58) + 13(1.42)(5.29) + 106(4.58^2/2)]/6 = 862^*$$



$$M = 22(4.58) + 465(4.58/2) = 1211$$

$$f_b = 1211 \times 12 / 11.23 = 1294 < 1346 \text{ OK}$$

$$w_{eq} = 6(1211)/6^2 = 269^*/1$$

$$\Delta_{TV} = 5(269)(6^4)(1726) / 394 \times 1.6 \times 10^6 \times 19.65 = .25'' \text{ OK}$$

(4/200)

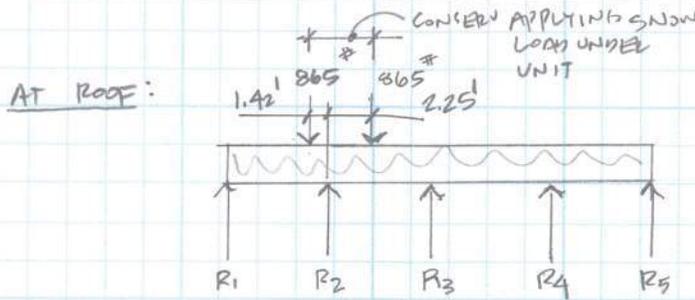
R3: USE 4x6 FLAT - OK BY INSPECTION

USE 4x6 FLAT MIN

$$\text{TRIPLE } 2 \times 4 \ S = 9.19 \ I = 16.09$$

$$f_b = 1294 \times 11.23 / 9.19 = 1581 \text{ NB.}$$

CHECK CLG JOIST UNDER WOLST CASE "R2"



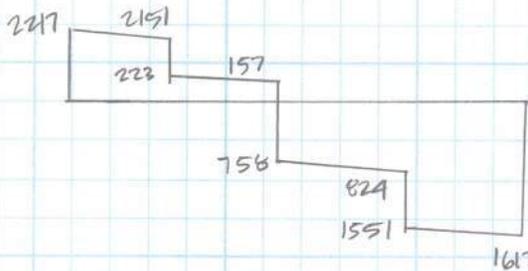
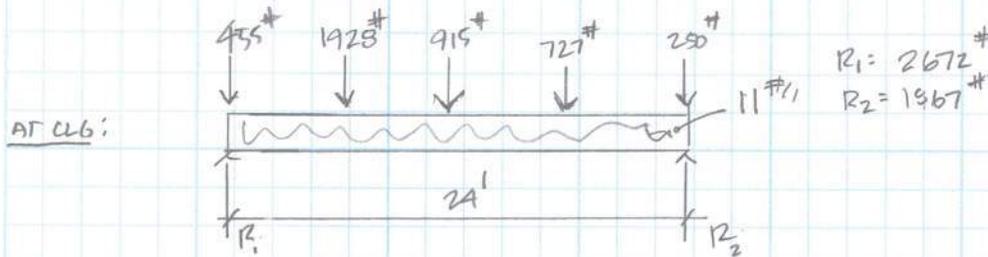
$$R_1 = 250^{\#} (p.2) + 865 (1.42/6) = 455^{\#}$$

$$R_2 = 727^{\#} (p.2) + 865 (4.59/6) + 865 (3.75/6) = 1928^{\#}$$

$$R_3 = 591 (p.2) + 865 (2.25/6) = 915$$

$$R_4 = 727 (p.2)$$

$$R_5 = 250^{\#} (p.2)$$



$$M = 157(6) + 66(42/2) + 2151(6) = 14244^{\#} \cdot 1$$

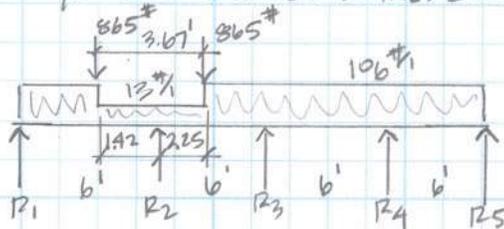
CHECK 1 3/4 X 16 LVL W/ (E) 2 X 14

$$f_{LVL} = 14244 \times .61 / 57.2 \times 12 = 1823 \text{ PSI OK} \quad \frac{1823}{2400 \times 1.15} = .66$$

$$f_{2 \times 14} = 14244 \times .39 / 54.4 \times 12 = 1225 \text{ PSI} \quad \left\{ \frac{1225}{1190} = 1.03 \text{ W/IN 5\% OK} \right.$$

14.75" DEPTH

HOWEVER WILL CHECK W/O SNOW INCLUDED 2 TIMES E UNIT:



$$DL: WL = 17(6) = 76^{\#} \quad TL = 100(6) = 600^{\#}$$

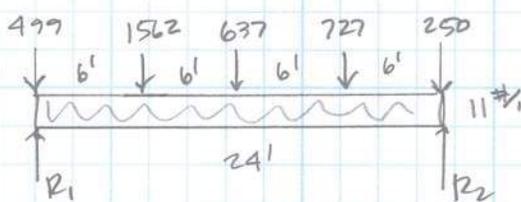
$$R_1 = 70(1/20) + 865(1.42/6) + 93(4.56)(3.71/6) = 499^{\#}$$

$$R_2 = 70(17/20) + 70(15/20) + 865(4.55/6) + 865(3.75/6) + 93(4.56)(2.29/6) + 93(3.75)(3.75/2)/6 = 1562^{\#}$$

$$R_3 = 70(13/20)(2) + 865(2.25/6) + 93(3.75)(4.125)/6 = 637^{\#}$$

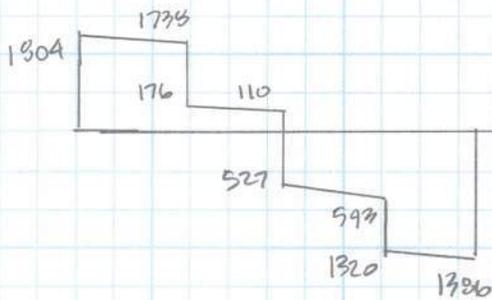
$$R_4 = 727 > P. 10$$

$$R_5 = 250$$



$$R_1 = 2303^{\#}$$

$$R_2 = 1636^{\#}$$



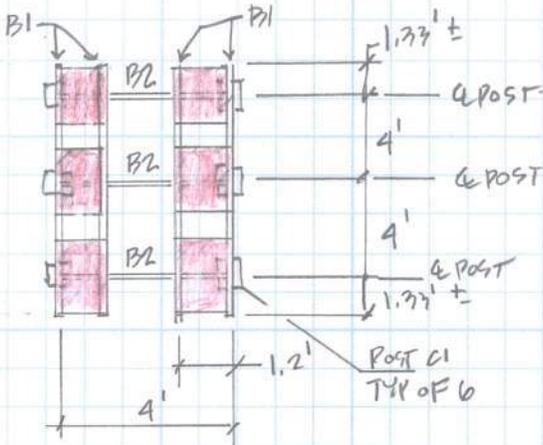
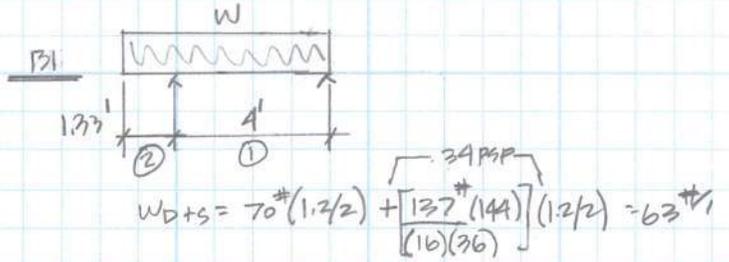
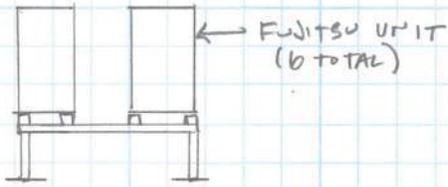
$$M = 110(6) + 66(6/2)(2) + 1730(6) = 11469^{\#}$$

CHECK $3/4 \times 16$ LVL w/ 2×4

$$f_b 2 \times 4 = 11469 \times 12 \times .39 / 54.4 = 988 \text{ psi} < 1190 \text{ psi OK}$$

$3/4 \times 16$ LVL w/ (E) 2×4
OK UNDER "R2"

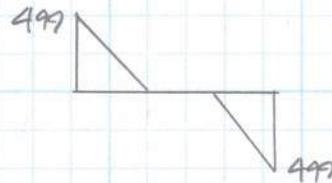
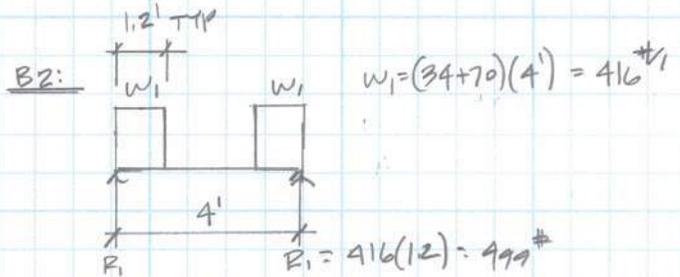
126A STRUT SUPPORT FRAME - HEAT PUMPS



① $63 \text{ #/ft} \times 4 = 252 \text{ #} < 351 \text{ #} \times 0.9 = 766 \text{ #}$ OK
P.12C \uparrow SLOTTED HOLES

② $63 \cdot (1.33) = 84 \text{ #} < 351 \times 1.2 \times 0.9 = 92 \text{ #}$ OK
 \uparrow P.12A

USE:
B22 (126A, 1 5/8" x 1 5/8" STRUT)

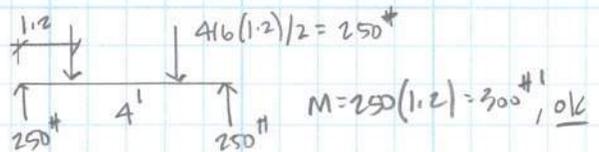


$M = 499(1.2/2) = 299$

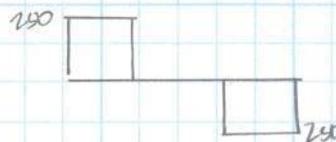
$w_{eq} = \frac{8(299)}{4^2} = 150 \text{ #/ft}$

$W_L = 150(4) = 600 \text{ #} < 766 \text{ #}$ OK

$f_b = \frac{299 \times 12}{.2125} = 16.9 \text{ KSI} < 25$ OK



USE B22
(126A, 1 5/8" x 1 5/8" STRUT)



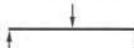
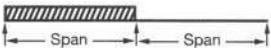
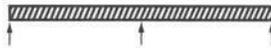
POST C1:
 $R_{MAX} = 499 \text{ #}$

FOR 18" MAX UNBRACED HT
 $R_{ALLOW} = 8955 \text{ #}$

USE B22
(126A, 1 5/8" x 1 5/8" STRUT)

Technical Data

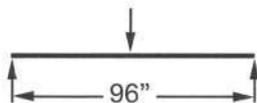
The data shown in the beam load charts for appropriate channels on page(s) 16 thru 37 is for simply supported, single span beams with a uniformly distributed load. For other loading and/or support conditions, use the appropriate factor from the chart below.

LOAD AND SUPPORT CONDITION	Load Factor	Deflection Factor
Simple Beam - Uniform Load 	1.00	1.00
Simple Beam - Concentrated Load at Center 	.50	.80
Simple Beam - Two Equal Concentrated Loads at 1/4 Points 	1.00	1.10
Beam Fixed at Both Ends - Uniform Load 	1.50	.30
Beam Fixed at Both Ends - Concentrated Load at Center 	1.00	.40
Cantilever Beam - Uniform Load 	.25	2.40
Cantilever Beam - Concentrated Load at End 	.12	3.20
Continuous Beam - Two Equal Spans - Uniform Load on One Span 	1.30	.92
Continuous Beam - Two Equal Spans - Concentrated Load on Both Spans 	1.00	.42
Continuous Beam - Two Equal Spans - Concentrated Load at Center of One Span 	.62	.71
Continuous Beam - Two Equal Spans - Concentrated Load at Center of Both Spans 	.67	.48

EXAMPLES:

PROBLEM:

Calculate the maximum allowable load and corresponding deflection of a simply supported B22 beam with a concentrated load at midspan as shown.



SOLUTION:

From beam load chart for B22 (page 22), maximum allowable Load is A and the corresponding deflection is B.
Multiplying by the appropriate factors shown in the chart above.

$$\text{LOAD} = A \times \text{load factor} = \underline{\hspace{2cm}}$$

$$\text{DEFLECTION} = B \times \text{deflection factor} = \underline{\hspace{2cm}}$$

PROBLEM:

Calculate the maximum allowable load and corresponding deflection of a cantilever B52 beam with a uniformly distributed load.



SOLUTION:

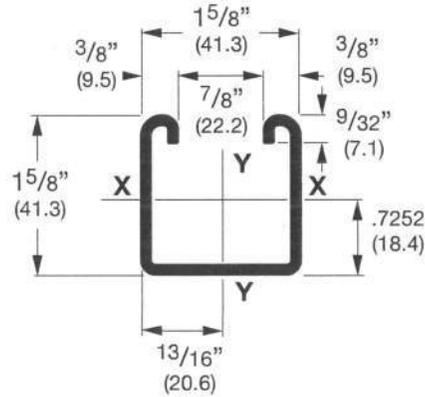
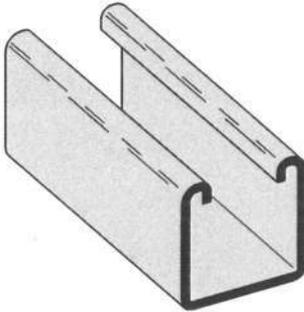
From beam load chart for B52 (page 33), maximum allowable load is A and the corresponding deflection is B.
Multiplying by the appropriate factors shown in chart above.

$$\text{LOAD} = A \times \text{load factor} = \underline{\hspace{2cm}}$$

$$\text{DEFLECTION} = B \times \text{deflection factor} = \underline{\hspace{2cm}}$$

B22

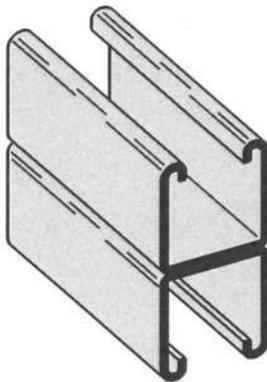
- Thickness: 12 Gauge (2.6 mm)
- Standard lengths: 10' (3.05 m) & 20' (6.09 m)
- Standard finishes: Plain, DURA-GREEN™, Pre-Galvanized, Hot-Dipped Galvanized, Stainless Steel Type 304 or 316, Aluminum
- Weight: 1.90 Lbs./Ft. (2.83 kg/m)



SECTION PROPERTIES

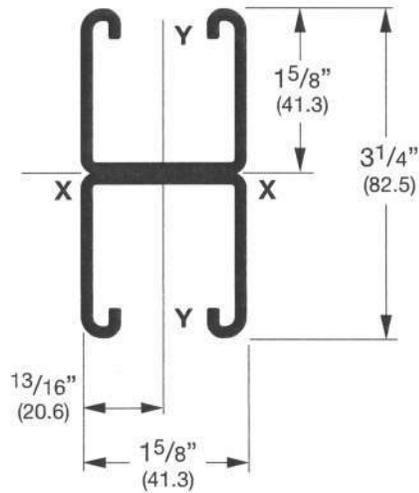
Channel	Weight		Areas of Section		Moment of Inertia (I)		Section Modulus (S)		X - X Axis		Y - Y Axis		Radius of Gyration (r)			
									Moment of Inertia (I)	Section Modulus (S)	Moment of Inertia (I)	Section Modulus (S)				
	lbs./ft.	kg/m	sq. in.	cm ²	in. ⁴	cm ⁴	in. ³	cm ³	in.	cm	in. ⁴	cm ⁴	in. ³	cm ³	in.	cm
B22	1.910	(2.84)	.562	(3.62)	.1912	(7.96)	.2125	(3.48)	.583	(1.48)	.2399	(9.99)	.2953	(4.84)	.653	(1.66)
B22A	3.820	(5.69)	1.124	(7.25)	.9732	(40.51)	.5989	(9.81)	.931	(2.36)	.4798	(19.97)	.5905	(9.68)	.653	(1.66)
B22X	6.649	(9.89)	1.956	(12.62)	4.1484	(172.67)	1.7019	(27.89)	1.456	(3.70)	1.1023	(45.88)	1.2027	(19.71)	.751	(1.91)

Calculations of section properties are based on metal thicknesses as determined by the AISI Cold-Formed Steel Design Manual.



B22A

Wt. 3.80 Lbs./Ft. (5.65 kg/m)



Channel & Combinations

B22 Beam Loading Data

12C

Channel & Combinations

Beam Span		Channel Style	Uniform Load and Deflection				Uniform Load @ Deflection =			
In.	mm		Lbs.	kN	In.	mm	Lbs.	kN	Lbs.	kN
12	(305)	B22	2610	(11.61)	.014	(.35)	2610	(11.61)	2610	(11.61)
		B22A	2610*	(11.61)	.002	(.05)	2610*	(11.61)	2610*	(11.61)
		B22X	5790*	(25.75)	.001	(.02)	5790*	(25.75)	5790*	(25.75)
18	(457)	B22	2269	(10.09)	.031	(.79)	2269	(10.09)	2269	(10.09)
		B22A	2610*	(11.61)	.007	(.18)	2610*	(11.61)	2610*	(11.61)
		B22X	5790*	(25.75)	.003	(.07)	5790*	(25.75)	5790*	(25.75)
24	(609)	B22	1702	(7.57)	.056	(1.42)	1702	(7.57)	1702	(7.57)
		B22A	2610*	(11.61)	.017	(.43)	2610*	(11.61)	2610*	(11.61)
		B22X	5790*	(25.75)	.008	(.20)	5790*	(25.75)	5790*	(25.75)
30	(762)	B22	1361	(6.05)	.087	(2.21)	1361	(6.05)	1294	(5.75)
		B22A	2610*	(11.61)	.033	(.84)	2610*	(11.61)	2610*	(11.61)
		B22X	5790*	(25.75)	.017	(.73)	5790*	(25.75)	5790*	(25.75)
36	(914)	B22	1135	(5.05)	.126	(3.20)	1135	(5.05)	899	(4.00)
		B22A	2610*	(11.61)	.057	(1.45)	2610*	(11.61)	2610*	(11.61)
		B22X	5790*	(25.75)	.029	(.73)	5790*	(25.75)	5790*	(25.75)
42	(1067)	B22	972	(4.32)	.172	(4.37)	972	(4.32)	660	(2.93)
		B22A	2610*	(11.61)	.091	(2.31)	2610*	(11.61)	2610*	(11.61)
		B22X	5790*	(25.75)	.046	(1.17)	5790*	(25.75)	5790*	(25.75)
48	(1219)	B22	851	(3.78)	.224	(5.69)	758	(3.37)	505	(2.24)
		B22A	2405	(10.70)	.125	(3.17)	2405	(10.70)	2405	(10.70)
		B22X	5790*	(25.75)	.068	(1.73)	5790*	(25.75)	5790*	(25.75)
54	(1371)	B22	756	(3.36)	.284	(7.21)	599	(2.66)	399	(1.77)
		B22A	2138	(9.51)	.158	(4.01)	2138	(9.51)	2024	(9.00)
		B22X	5790*	(25.75)	.097	(2.46)	5790*	(25.75)	5790*	(25.75)
60	(1524)	B22	681	(3.03)	.351	(8.91)	485	(2.16)	323	(1.44)
		B22A	1924	(8.56)	.195	(4.95)	1924	(8.56)	1640	(7.29)
		B22X	5645	(25.11)	.130	(3.30)	5645	(25.11)	5645	(25.11)
66	(1676)	B22	619	(2.75)	.424	(10.77)	401	(1.78)	267	(1.19)
		B22A	1749	(7.78)	.236	(5.99)	1749	(7.78)	1355	(6.03)
		B22X	5132	(22.83)	.158	(4.01)	5132	(22.83)	5132	(22.83)
72	(1829)	B22	567	(2.52)	.505	(12.83)	337	(1.50)	225	(1.00)
		B22A	1603	(7.13)	.281	(7.14)	1603	(7.13)	1139	(5.06)
		B22X	4704	(20.92)	.188	(4.77)	4704	(20.92)	4704	(20.92)
78	(1981)	B22	524	(2.33)	.593	(15.06)	287	(1.27)	191	(0.85)
		B22A	1480	(6.58)	.330	(8.38)	1455	(6.47)	970	(4.31)
		B22X	4342	(19.31)	.220	(5.59)	4342	(19.31)	4270	(18.99)
84	(2133)	B22	486	(2.16)	.687	(17.45)	248	(1.10)	165	(0.73)
		B22A	1374	(6.11)	.383	(9.73)	1255	(5.58)	837	(3.72)
		B22X	4032	(17.93)	.255	(6.48)	4032	(17.93)	3682	(16.38)
90	(2286)	B22	454	(2.02)	.789	(20.04)	216	(0.96)	144	(0.64)
		B22A	1283	(5.71)	.440	(11.17)	1093	(4.86)	729	(3.24)
		B22X	3763	(16.74)	.293	(7.44)	3763	(16.74)	3207	(14.26)
96	(2438)	B22	425	(1.89)	.898	(22.81)	190	(0.84)	126	(0.56)
		B22A	1202	(5.35)	.500	(12.70)	961	(4.27)	640	(2.85)
		B22X	3528	(15.69)	.334	(8.48)	3528	(15.69)	2819	(12.54)
102	(2591)	B22	400	(1.78)	1.013	(25.73)	168	(0.75)	112	(0.50)
		B22A	1132	(5.03)	.565	(14.35)	851	(3.78)	567	(2.52)
		B22X	3320	(14.77)	.377	(9.57)	3320	(14.77)	2497	(11.11)
108	(2743)	B22	378	(1.68)	1.136	(28.85)	150	(0.67)	100	(0.44)
		B22A	1069	(4.75)	.633	(16.08)	759	(3.37)	506	(2.25)
		B22X	3136	(13.95)	.422	(10.72)	3136	(13.95)	2227	(9.90)
114	(2895)	B22	358	(1.59)	1.266	(32.15)	134	(0.59)	90	(0.40)
		B22A	1013	(4.50)	.706	(17.93)	681	(3.03)	454	(2.02)
		B22X	2971	(13.21)	.471	(11.96)	2971	(13.21)	1999	(8.89)
120	(3048)	B22	340	(1.51)	1.403	(35.63)	121	(0.54)	81	(0.36)
		B22A	962	(4.28)	.782	(19.86)	615	(2.73)	410	(1.82)
		B22X	2822	(12.55)	.521	(13.23)	2706	(12.04)	1804	(8.02)

Based on simple beam condition using an allowable design stress of 25,000 psi (172 MPa) in accordance with MFMA, with adequate lateral bracing (see page 11 for further explanation). Actual yield point of cold rolled steel is 42,000 psi. To determine concentrated load capacity at mid span, multiply uniform load by 0.5 and corresponding deflection by 0.8. *Failure determined by weld shear.

Reference page 14 for general fitting and standard finish specifications.

B22 Column Loading Data

Unbraced Height		Channel Style	Max. Column Loading K = .80				Max. Column Loading (Loaded @ C.G.)					
			Loaded@ C.G.		Loaded@ Slot Face		K = .65		K = 1.0		K = 1.2	
In.	mm		Lbs.	kN	Lbs.	kN	Lbs.	kN	Lbs.	kN	Lbs.	kN
12	(305)	B22	10454	(46.50)	4276	(19.12)	10598	(47.14)	10222	(45.47)	9950	(44.26)
		B22A	21625	(96.19)	7002	(31.14)	21677	(96.42)	21539	(95.81)	21433	(95.34)
		B22X	46948	(208.83)	18975	(84.40)	47061	(209.34)	46761	(208.00)	46531	(206.98)
18	(457)	B22	9950	(44.26)	4153	(18.47)	10253	(45.62)	9481	(42.17)	8955	(39.83)
		B22A	21433	(95.34)	6959	(30.95)	21551	(95.86)	21239	(94.47)	21001	(93.42)
		B22X	46531	(206.98)	18859	(83.90)	46787	(208.12)	46110	(205.11)	45593	(202.81)
24	(609)	B22	9311	(41.42)	3993	(17.76)	9801	(43.60)	8582	(38.17)	7801	(34.70)
		B22A	21164	(94.14)	6898	(30.68)	21373	(95.07)	20819	(92.61)	20397	(90.73)
		B22X	45947	(204.38)	18693	(84.44)	46401	(206.40)	45198	(201.05)	44282	(196.97)
30	(762)	B22	8582	(38.17)	3802	(16.91)	9268	(41.22)	7601	(33.81)	6595	(29.33)
		B22A	20819	(92.61)	6821	(30.34)	21145	(94.06)	20279	(90.20)	19619	(87.27)
		B22X	45198	(201.05)	18485	(82.22)	45906	(204.20)	44026	(195.84)	42593	(189.46)
36	(914)	B22	7801	(34.70)	3589	(15.96)	8676	(38.59)	6595	(28.33)	5392	(23.98)
		B22A	20397	(90.73)	6728	(29.93)	20866	(92.81)	19619	(87.27)	18669	(83.04)
		B22X	44282	(196.97)	18233	(81.10)	45300	(201.50)	42593	(189.46)	40530	(180.28)
42	(1067)	B22	6998	(31.13)	3360	(14.94)	8048	(35.80)	5595	(24.89)	4444	(19.77)
		B22A	19898	(88.51)	6620	(29.45)	20537	(91.33)	18840	(83.80)	17546	(78.05)
		B22X	43198	(192.15)	17940	(79.80)	44586	(198.33)	40901	(181.94)	38092	(169.44)
48	(1219)	B22	6193	(27.55)	3118	(13.87)	7401	(32.92)	4718	(20.99)	3791	(16.86)
		B22A	19322	(85.95)	6496	(28.89)	20157	(89.66)	17940	(79.80)	16251	(72.29)
		B22X	41948	(186.59)	17604	(78.30)	43761	(194.57)	38948	(173.25)	35281	(156.94)
54	(1371)	B22	5392	(23.98)	2864	(12.74)	6746	(30.01)	4090	(18.19)	3310	(14.72)
		B22A	18669	(83.04)	6263	(27.86)	19276	(87.74)	16920	(75.26)	14782	(65.75)
		B22X	40530	(180.28)	16973	(75.50)	42825	(190.49)	36733	(163.39)	32092	(142.75)
60	(1524)	B22	4718	(20.99)	2631	(11.70)	6093	(27.10)	3616	(16.08)	2936	(13.06)
		B22A	17940	(79.80)	5340	(23.75)	19244	(85.60)	15781	(70.20)	13141	(58.45)
		B22X	38948	(173.25)	14471	(64.37)	41779	(185.84)	34260	(152.39)	28529	(126.90)
66	(1676)	B22	4202	(18.69)	2434	(10.83)	5441	(24.20)	3242	(14.42)	2634	(11.71)
		B22A	17134	(76.21)	4587	(20.40)	18712	(83.23)	14521	(64.59)	11328	(50.39)
		B22X	37198	(165.46)	12431	(55.29)	40624	(180.70)	31525	(140.23)	24593	(109.39)
72	(1829)	B22	3791	(16.86)	2264	(10.07)	4869	(21.66)	2936	(13.06)	2381	(10.59)
		B22A	16251	(72.29)	3968	(17.65)	18129	(80.64)	13141	(58.45)	9524	(42.36)
		B22X	35281	(156.94)	10753	(47.83)	39358	(175.07)	28529	(126.90)	20676	(91.97)
78	(1981)	B22	3456	(15.37)	2116	(9.41)	4412	(19.62)	2680	(11.92)	2166	(9.63)
		B22A	15291	(68.02)	3456	(15.37)	17496	(77.82)	11642	(51.78)	8115	(36.10)
		B22X	33197	(147.67)	9366	(41.66)	37984	(168.96)	25275	(112.43)	17617	(78.36)
84	(2133)	B22	3176	(14.13)	1984	(8.82)	4037	(17.96)	2461	(10.95)	1980	(8.81)
		B22A	14255	(63.41)	3028	(13.47)	16812	(74.78)	10076	(44.82)	6998	(31.13)
		B22X	30947	(137.66)	8206	(36.50)	36499	(162.35)	21875	(97.30)	15192	(67.58)
90	(2286)	B22	2936	(13.06)	1867	(8.30)	3724	(16.56)	2270	(10.10)	1816	(8.08)
		B22A	13141	(58.45)	2667	(11.86)	16077	(71.51)	8778	(39.04)	6096	(27.11)
		B22X	28529	(126.90)	7227	(32.15)	34903	(155.25)	19057	(84.77)	13234	(58.87)
96	(2438)	B22	2728	(16.58)	1761	(7.83)	3456	(15.37)	2101	(9.34)	1671	(7.43)
		B22A	11951	(53.16)	2359	(10.49)	15291	(68.02)	7715	(34.32)	5357	(23.83)
		B22X	25945	(115.41)	6393	(28.44)	33197	(147.67)	16749	(74.50)	11630	(51.73)
102	(2591)	B22	2545	(11.32)	1664	(7.40)	3225	(14.34)	1951	(8.68)	1542**	(6.34)
		B22A	10678	(47.50)	2093	(9.31)	14455	(64.30)	6834	(30.40)	4746	(21.11)
		B22X	23182	(103.12)	5672	(25.23)	31382	(139.59)	14836	(65.99)	10303	(45.83)
108	(2743)	B22	2381	(10.59)	1575	(7.00)	3022	(13.44)	1816	(8.08)	1426**	(68.60)
		B22A	9524	(42.36)	1867	(8.30)	13568	(60.35)	6096	(27.11)	4233	(18.83)
		B22X	20676	(91.97)	5059	(22.50)	29456	(131.03)	13234	(58.87)	9190	(40.88)
114	(2895)	B22	2234	(9.94)	1494	(6.64)	2842	(12.64)	1694	(7.53)	1322**	(5.88)
		B22A	8548	(38.02)	1675	(7.45)	12630	(56.18)	5471	(24.33)	3799**	(16.90)
		B22X	18558	(82.55)	4539	(20.19)	27420	(121.97)	11877	(52.83)	8247	(36.68)
120	(3048)	B22	2101	(9.34)	1418	(6.31)	2680	(11.92)	1583**	(7.04)	1228**	(5.46)
		B22A	7715	(34.32)	1512	(6.72)	11642	(51.78)	4937	(21.96)	3429**	(15.25)
		B22X	16749	(74.50)	4097	(18.22)	25275	(112.43)	10718	(47.67)	7444	(33.11)

Channel & Combinations

**Where the slenderness ratio $\frac{KL}{r}$ exceeds 200, and K = end fixity factor, L = actual length and r = radius of gyration.

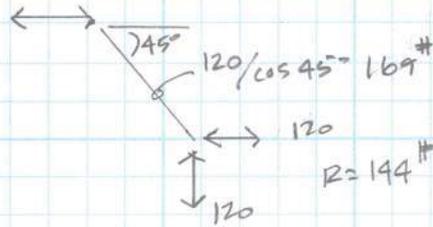
Reference page 14 for general fitting and standard finish specifications.

LATERAL BRACES:

LONGITUDINAL:

(2) BRACES MIN

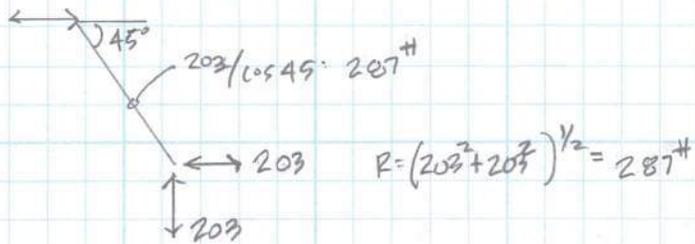
$$F_L = 239 \# / 2 = 120 \#$$



TRANSVERSE

(3) BRACES MIN

$$F_T = 609 \# / 3 = 203 \#$$



USE 1/2" LAG SCREW TO 4X PLKS IN ROOF

3" LONG T-E = 1 1/16"

$$W' = 378 \times 1.69 \times 1.6 = 1022 \#$$

$$Z' = 320 \times 1.6 = 512 \#$$

$$Z_{45} = \frac{1022(512)}{1022 \cos^2 45 + 512 \sin^2 45} = 682 \# > 287 \# \text{ ok}$$

USE 1/2" φ X 3" LAG

USE

BRE STRUT

w/ B375-2 SERIES

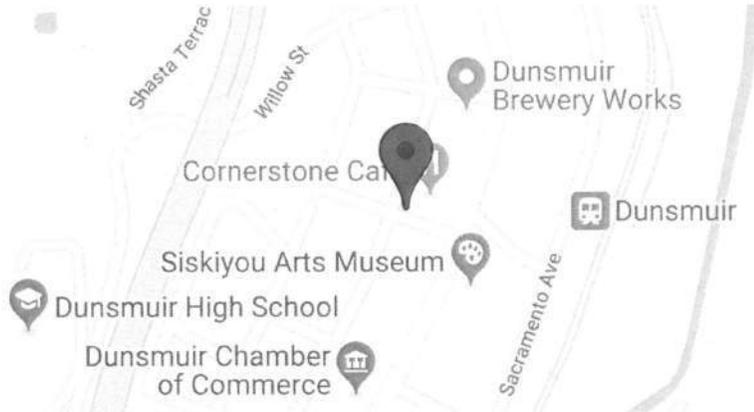
3-HOLE ADJUSTABLE HINGE



5751 Dunsmuir Ave

5751 Dunsmuir Ave, Dunsmuir, CA 96025, USA

Latitude, Longitude: 41.2112311, -122.27249870000003



Google

Map data ©2019 Google

Date	12/10/2019, 9:00:44 AM
Design Code Reference Document	ASCE7-10
Risk Category	II
Site Class	D - Stiff Soil

Type	Value	Description
S _S	0.768	MCE _R ground motion. (for 0.2 second period)
S ₁	0.33	MCE _R ground motion. (for 1.0s period)
S _{MS}	0.916	Site-modified spectral acceleration value
S _{M1}	0.574	Site-modified spectral acceleration value
S _{DS}	0.611	Numeric seismic design value at 0.2 second SA
S _{D1}	0.383	Numeric seismic design value at 1.0 second SA

Type	Value	Description
SDC	D	Seismic design category
F _a	1.193	Site amplification factor at 0.2 second
F _v	1.741	Site amplification factor at 1.0 second
PGA	0.324	MCE _G peak ground acceleration
F _{PGA}	1.176	Site amplification factor at PGA
PGAM	0.381	Site modified peak ground acceleration
T _L	16	Long-period transition period in seconds
S _{sRT}	0.768	Probabilistic risk-targeted ground motion. (0.2 second)
S _{sUH}	0.829	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
S _{sD}	1.5	Factored deterministic acceleration value. (0.2 second)
S _{1RT}	0.33	Probabilistic risk-targeted ground motion. (1.0 second)
S _{1UH}	0.361	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S _{1D}	0.6	Factored deterministic acceleration value. (1.0 second)

Submittal Data: System 30RLX ASU30RLX & AOU30RLX



Job Name: _____ Location: _____
Purchaser: _____
Engineer: _____
Submitted To: _____ For: Reference Approval Construction
Submitted By: _____
Unit Designation: _____ Schedule No. _____ Model No.: _____

Capacities:

Cooling	30,600 BTU/h
Outdoor Design Temp. <i>F^o DB/WB</i>	95/75
Heating	32,000 BTU/h
Outdoor Design Temperature <i>F^o DB/WB</i>	47/43
HSPF	9.5
SEER	17.5
EER <i>Cooling/Heating</i>	10.0/10.7
Voltage/Frequency/Phase	208-230/60/1

Indoor Unit:

Noise Level Cooling <i>db (A) - H/ M/ L/ Q</i>	49/ 42/ 37/ 33
Noise Level Heating <i>db (A) - H/ M/ L/ Q</i>	49/ 42/ 37/ 33
Weight	31 lbs.

Outdoor Unit:

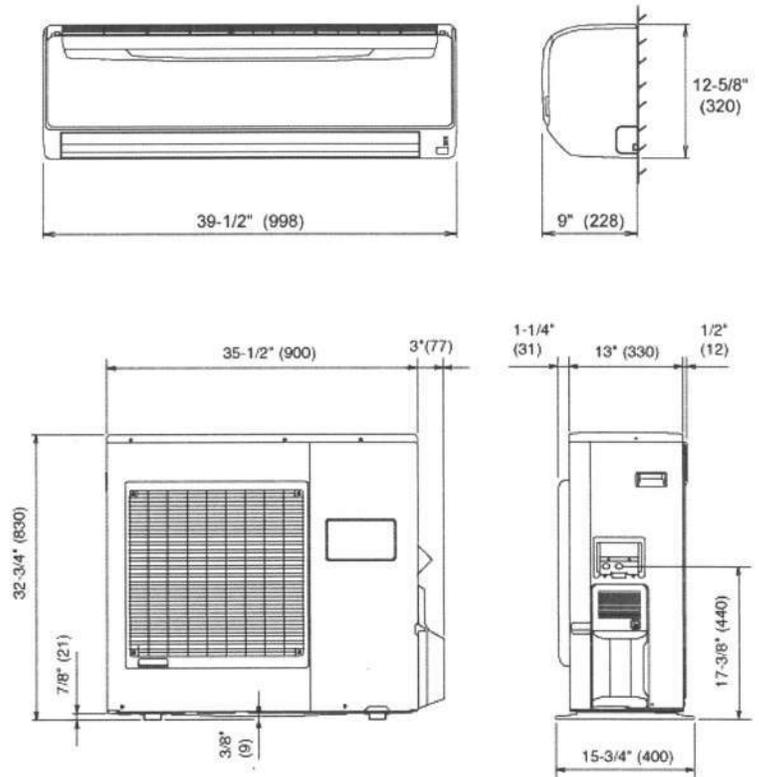
Noise Level <i>Cooling/Heating</i>	54/55
Recommended Fuse Size	30A
Min. Ampacity	13.1A
Running Current <i>Cooling</i>	13.2A
Running Current <i>Heating</i>	10.5A
Weight	137 lbs.

Refrigerant Piping:

Max Ht. Difference	98 ft.
Max Total or Combined Length	164 ft.
Discharge Vapor Line (O.D.)	3/8 in.
Suction (O.D.)	5/8 in.

- ◆ Six year compressor warranty
- ◆ Two year parts warranty
- ◆ Digital wireless remote control
- ◆ 4-way automatic louvers
- ◆ Min Heat (50F heating set point)
- ◆ Built in Low Ambient
- ◆ Auto Restart/ Reset
- ◆ 24 hour timer
- ◆ Optional Wired Remote Control
- ◆ Dry mode
- ◆ Refrigerant R410A
- ◆ Quiet Mode

OUTLINE AND DIMENSIONS



Notes: _____

BASE UNIT DIMENSIONS

582K*04-07 BASE UNIT DIMENSIONS

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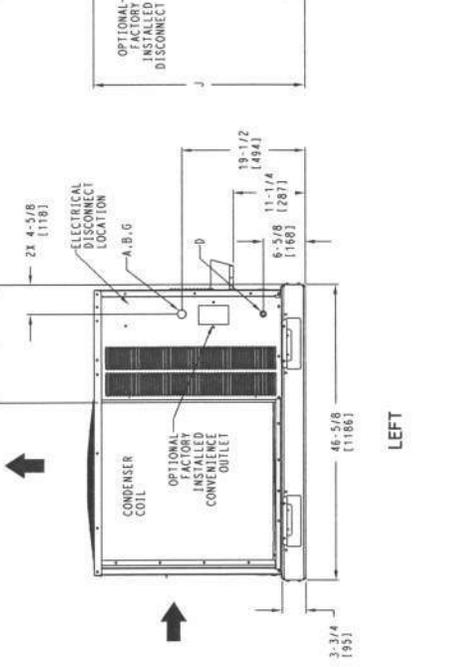
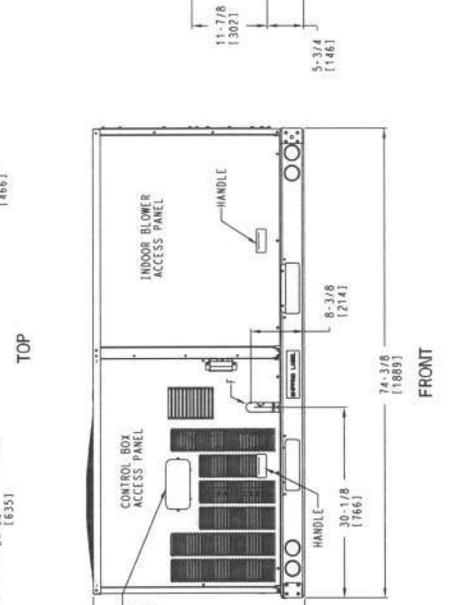
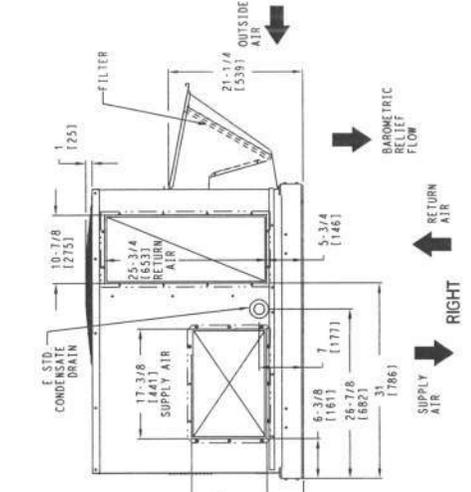
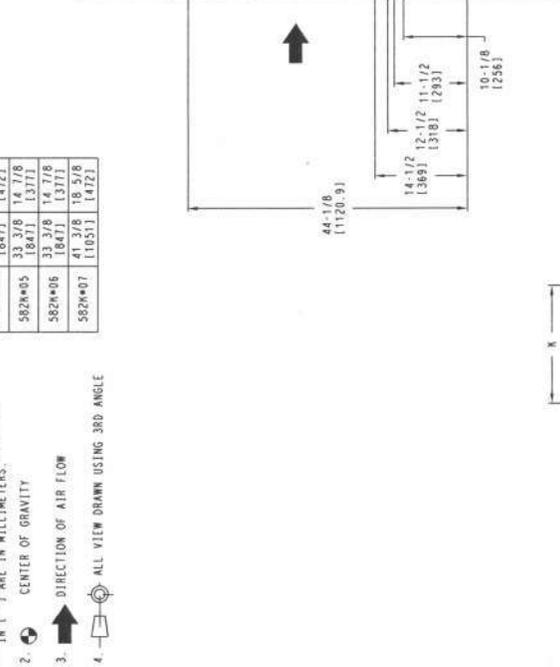
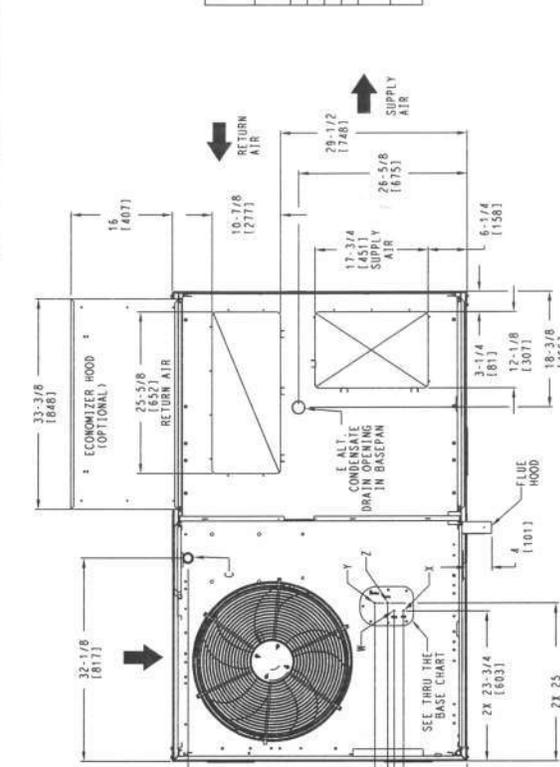
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CONNECTION SIZES
A 1 3/8" (133) DIA. FIELD POWER SUPPLY HOLE
B 2" (50.8) DIA. POWER SUPPLY KNOCKOUT
C 1 3/4" (44.4) DIA. GAUGE ACCESS PLUG
D 7/8" (22.2) DIA. FIELD CONTROL WIRING HOLE
E 3/4" (19.0) DIA. CONDENSATE DRAIN
F 1/2" (12.7) DIA. GAS CONNECTION
G 2 1/2" (63.5) DIA. POWER SUPPLY KNOCK-OUT

THRU-THE-BASE CHART THESE HOLES REQUIRED FOR USE WITH APPROVED, LISTED EQUIPMENT	WIRE SIZES (MAX.)	REQ'D. HOLE SIZES (MAX.)
W 1/2"	11.5V	7/8" (22.2)
X 1/2"	24V	7/8" (22.2)
Y 3/4"	POWER	1-1/8" (28.6)
Z 1"	POWER	1-1/8" (28.6)

* (008A00) PROVIDES 3/4" FPT THRU CURB FLANGE & FITTING.



UNIT	J	K	L
582K*04	33 7/8 (847)	18 5/8 (472)	14 7/8 (377)
582K*05	33 3/8 (847)	14 7/8 (377)	13 7/8 (351)
582K*06	33 3/8 (847)	14 7/8 (377)	13 7/8 (351)
582K*07	41 3/8 (1051)	18 5/8 (472)	14 7/8 (377)

NOTES:
1. DIMENSIONS ARE IN INCHES. DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS.
2. CENTER OF GRAVITY.
3. DIRECTION OF AIR FLOW.
4. ALL VIEW DRAWN USING 3RD ANGLE.

THRU-THE-BASE CHART
THESE HOLES REQUIRED FOR USE
WITH APPROVED, LISTED
EQUIPMENT

* (008A00) PROVIDES 3/4" FPT THRU CURB FLANGE & FITTING.

NOTES:
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2. CENTER OF GRAVITY.
3. DIRECTION OF AIR FLOW.
4. ALL VIEW DRAWN USING 3RD ANGLE.

NOTES:
1. DIMENSIONS ARE IN INCHES. DIMENSIONS IN PARENTHESES ARE IN MILLIMETERS.
2. CENTER OF GRAVITY.
3. DIRECTION OF AIR FLOW.
4. ALL VIEW DRAWN USING 3RD ANGLE.

11C CLASSIFICATION U.S. ECCN: NSR SHEET 1 OF 3 DATE 10/25/18 SUPERCEDES 09/07/18 582K 04-07 SINGLE PACKAGE ELECTRICAL COOLING WITH GAS HEAT

REV B 48TC003095

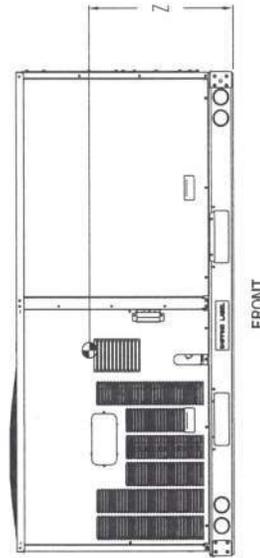
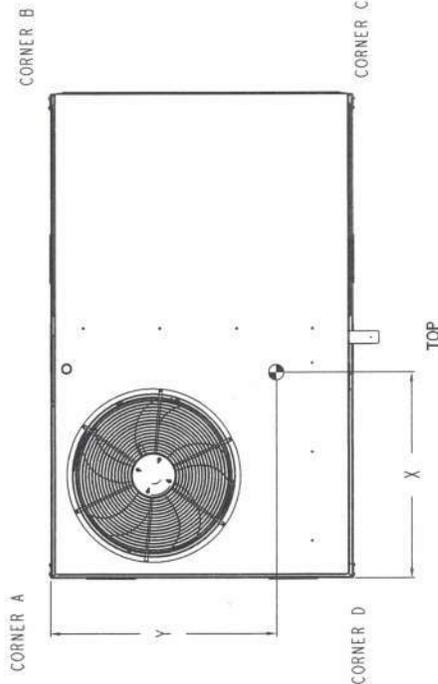
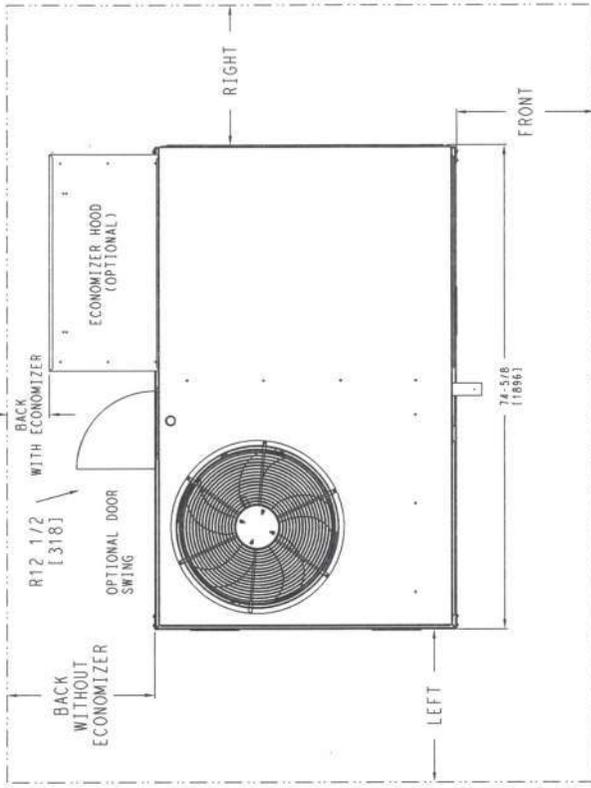
582K*04-07 BASE UNIT DIMENSIONS (cont)



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UNIT	STD. UNIT WEIGHT *		CORNER WEIGHT (A)		CORNER WEIGHT (B)		CORNER WEIGHT (C)		CORNER WEIGHT (D)		C.G.			HEIGHT	
	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	LBS.	KG.	X	Y	Z	18 1/4 (464)	18 (457)
582K*04	482	219	113	51	116	53	128	58	125	57	37	5/8 (956)	24	9/16 (624)	18 1/4 (464)
582K*05	543	246	138	63	133	60	138	63	142	64	36	1/2 (927)	23	3/8 (594)	18 (457)
582K*06	556	252	142	64	136	62	142	64	142	64	36	1/2 (927)	23	3/8 (594)	18 (457)
582K*07	607	275	162	73	152	69	141	64	151	68	36	1/2 (927)	22	1/2 (572)	19 3/8 (492)

* STANDARD UNIT WEIGHT IS WITH LOW GAS HEAT AND WITHOUT PACKAGING. FOR OTHER OPTIONS AND ACCESSORIES, REFER TO THE PRODUCT DATA CATALOG.



NOTES:
1. FOR ALL MINIMUM CLEARANCES LOCAL CODES OR JURISDICTIONS MAY PREVAIL.

SURFACE	CLEARANCE		
	SERVICE WITH CONDUCTIVE BARRIER	SERVICE WITH NONCONDUCTIVE BARRIER	OPERATING CLEARANCE
FRONT	48 [1219mm]	36 [914mm]	18 [457mm]
LEFT	48 [1219mm]	42 [1067mm]	18 [457mm]
BACK	48 [1219mm]	42 [1067mm]	18 [457mm]
BACK W/HOOD	36 [914mm]	36 [914mm]	18 [457mm]
RIGHT	36 [914mm]	36 [914mm]	18 [457mm]
TOP	72 [1829mm]	72 [1829mm]	72 [1829mm]

TIC CLASSIFICATION	SHEET	DATE	REV
U.S. ECCN: NSR	2 OF 3	10/25/18	B
SUPERCEDS	582K 04-07 SINGLE PACKAGE ELECTRICAL COOLING WITH GAS HEAT		48TC003095