

1732 NE 2nd Avenue **Design Review : Narrative Packet**works progress architecture 01.24.2017
REVISED 06.05.2017
REVISED 06.30.2017 REVISED 08.10.2017

LU 17-109861 DZ

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Phase II Environmental Report

SITE AND VICINITY

The project site is comprised of 2 lots along the south side of NE Schuyler Street between NE 2nd Avenue and NE 3rd Avenue. The site has frontages on three sides along NE Schuyler, NE 2nd, and NE 3rd Avenues. The site and adjacent lots to the east, west, and south are zoned CX, across NE Schuyler the lots to the north are zoned EX. Existing on the site are two warehouse structures with surface parking on the southern end of the lots. The building abutting the rear lot line is commercial with ground floor windows and surface parking to the west. Across NE Schuyler St is also a 1-story commercial building with minimal ground floor windows and surface parking against the street. The adjacent lots to the east and west contain car dealerships with surface parking, and a church also shares the western lot. One block west on NE Schuyler St are active commercial and retail uses.

At the urban scale of the street grid and City block, the site and immediate vicinity derives its character from the larger Convention and Moda Centers, both to the south. This area is separated from the proposed development's site by the major transit streets of Broadway/Weidler. This coupled with the on/off ramps for the I-5, Interstate, and the Broadway Bridge make this a highly dynamic area at the vehicular scale and somewhat inaccessible at the pedestrian scale from the south. To the north of the site sits the residential neighborhood of Elliot.

DEVELOPMENT PROPOSAL

This proposal is for the new construction of a 6 story multi-family building. The structure consists of below grade parking and a concrete ground floor podium level with five floors of modular construction above. The ground floor is composed of retail and a residential lobby with an outdoor plaza on the south side of the property.

The residential portion is comprised of studios, one bedrooms, and two bedrooms totaling 78 units in all. The facade shifts to create balconies and subsequent semi-enclosed/covered areas along the north and south facades. This provides both pedestrian coverage for the retail spill-out areas and outdoor spaces, as well as, creating a dynamic façade that covers pedestrians at the north facade, south plaza and engages those moving along Broadway.

The outdoor plaza not only provides for pedestrian circulation through the site, but creates spill-out spaces for the ground floor retail, allowing outdoor seating for a restaurant or café. The remainder of the plaza is landscaped in such a way to create large open hardscaped spaces for outdoor events; such as farmer's markets and food truck catering, and more intimate areas with heavier foliage and benches. The planters are sized and oriented for the greater landscape concept and do not assist in stormwater mitigation because the stormwater will be managed through two on-site drywells.

A 9 story option has been submitted as an appendix to the Drawing Packet. The 9 story options contains 117 units, with a ground floor steel podium that houses retail, and residential servies. There are 8 stories of modular construction on top of the ground floor podium. Refer to Appendix for further information.

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ZONING CODE DEVELOPMENT STANDARDS SUMMARY

Base Zone: CX

Overlay: d (Design Zone)

Comprehensive Plan: CX (Central Commercial)
Plan District: Central City Plan District (CC)

Subdistrict: Lloyd District

Urban Renewal Area: Yes, Oregon Convention Center

Business District: North/Northeast

Base Zone FAR: 4:1

CC FAR: 6:1 with Residential Bonuses

Base Zone Height: 75 ft Setbacks Required: 0 ft

Ground Floor Windows: 0 ft Adjacent to EX Zone

VEHICLE PARKING

Parking Sector: Lloyd District Subdistrict (LD3)

Type:

Transit Stop Distance: 202 ft Minimum Spaces: NA Spaces Provided: 36

Loading Required: Yes, One Standard B Stall, 18 ft x 9 ft with clearance of 10 ft

Loading Provided: One Standard B Stall

BIKE PARKING

Residential Retail Total Req'd Total Provided

 Long Term Spaces:
 117
 002
 119
 119

 Short Term Spaces:
 004
 002
 006
 006

LAND USE REVIEWS REQUESTED

The site is in the CXd Zone of the Central City Plan District and Lloyd Subdistrict and must comply with the applicable Title 33 Portland Zoning Code Requirements for new development. The following are the land use reviews required/requested for the proposed development:

_Type III Design Review

Applicable Approval Criteria in which are considered and addressed in this application are:

_Design Review title 33.825.055 & 33.825.065

_Central City Plan District title 33.510

PREVIOUS CONDITIONS OF APPROVAL

PREVIOUS CONDITIONS OF APPROVAL

There are no Previous Conditions of Approval for this site.

LEED NARRATIVE

This project is not pursuing LEED or other green certifications.

Several green building measures are implemented in the design and construction including energy efficient wall assemblies and HVAC systems, high efficiency light fixtures, low VOC interior paints, and drought tolerant landscaping.

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This project falls under the Design Review Guidelines for the Central City and the Lloyd District Design Guidelines. The approval criteria and the ways that this proposed structure meets these guidelines are listed below:

PORTLAND PERSONALITY GUIDELINES

A1 Integrate the River

Orient architectural and landscape elements including, but not limited to, lobbies, entries, balconies, terraces, and outdoor areas to the Willamette River and greenway.

Response: The project site is nine blocks from the Willamette River, northeast of the Moda Center and Portland Farmers Market. Ground floor retail, a connecting lobby, and back alley plaza all draw pedestrians through the site connecting the neighborhood to the commercial and civic waterfront and greenway. Furthermore, the height of the building provides excellent views back to the river on the south side. The dwelling units shift to reach out and create outdoor space on this side to serve as a connecting gesture towards the Willamette River and downtown.

A1-1 Connect Public Facilities to the River

Provide public access to, from, and along the river in a manner that connects major public use facilities in the District to the river which stimulate year-around enjoyment.

Response: The project is a private development, but does draw pedestrians through the site and Lloyd District at large using inviting sidewalks and the south plaza. Ground floor retail activates the block and overhangs protect pedestrians from weather. The project acts as a stopping place between the neighborhood, river, and greenway.

A2 Emphasize Portland Themes

When provided, integrate Portland themes with the development's overall design concept.

Response: Thematic features are not provided as part of this development. The development responds to the district fabric and local landscape by providing a long-lasting structure emblematic of the warehouses in the district and landscaped areas with native plantings. A south plaza hosts food trucks, vendors, and outdoor seating to connect to Portland's vibrant food culture.

A3 Respect the Portland Block Structure

Maintain and extend the traditional 200-foot block pattern to preserve the Central City's ratio of open space to built space.

Response: The site is located on a traditional 200-foot block, Holladay's Add Block 244, and the building façade along NE Schuyler St runs the full width, reemphasizing the historic 200-foot proportion. A through-floor lobby and back alley plaza allow pedestrians to cross the block in either direction.

A3-1 Support a Convenient Pedestrian Linkage Through the Superblocks Between the Convention Center and Lloyd Center

Response: The project is located on a traditional 200-foot block, not a superblock, north of the Oregon Convention Center and northwest of the Lloyd Center. However, the proposal does still promote pedestrian linkages through the through-floor lobby, back alley plaza, and ground floor retail.

A3-2 Make Superblock Plazas Inviting and Easily Accessible from Holladay Street
Make superblock plazas and public spaces in superblocks fronting on Holladay Street inviting and easily
accessible from Holladay Street. Public spaces should be visually connected to Holladay Street. Public/private
spaces are also encouraged to be visually connected with adjacent public improvements.

Response: The project site is north of Holladay Street and is located on a traditional 200-foot block, not a superblock.

A4 Use Unifying Elements

Integrate unifying elements and/or develop new features that help unify and connect individual buildings and different areas.

Response: The project's form ties to the common warehouse building type that has become emblematic of Portland's eastside. The south plaza is host to food trucks, carts, and vendors, connecting to Portland's larger network of casual, outdoor eateries. The project also ties into the Lloyd District commercial network and Lloyd Center Shopping Mall through ground floor retail.

A5 Enhance, Embellish, and Identify Areas

Enhance an area by reflecting the local character.

Response: The project is in a transition zone between NE Broadway and a residential zone to the north. The upper floors of the project push and pull to create a smaller, residential sense of scale for the dwelling units and to provide views of the city and generous outdoor space. At the ground level, retail ties to the District's commercial network.

A5-1 Develop Identifying Features

Encourage the inclusion of features in the design of projects that give projects identity and a sense of place or significance within the District.

Response: The design's use of modular units in the design will give a unique identity to the project. Additionally, the connection between the public and the building through the south plaza will create a distinct link at the pedestrian scale, separating this project to others in the neighborhood that do not have such a connection to the public.

A5-2 Accommodate or Incorporate Underground Utility Service

Accommodate or incorporate underground utility service to development projects.

Response: The location of the transformer vault and the generator are located underground with access through the public ROW. This will reduce any noise pollution and visual intrusion at the ground level and create easy access.

A5-3 Incorporate Works of Art

Incorporate works of art into development projects.

Response: The south plaza's landscaping is in a way public art, as well as a public gathering space. Additionally, the plaza offers areas for local artists to do outdoor exhibitions in the future and leaves additional opportunities for more permanent installations.

A5-4 Incorporate Water Features

Enhance the quality of major public spaces by incorporating water features.

Response: There are no water features provided with the proposed development.

A5-5 Use Public Right-of-Way Design Criteria Established for the Lloyd District

Use the public right-of-way design criteria as established and administered by the City Engineer especially for the Lloyd District from the adopted Lloyd District Transportation Capital Improvements - District-Wide Design Criteria.

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Response: The creation of the south plaza extends the ideas discussed in the Public Right-of-Way Design Criteria onto the property itself. The incorporation of landscaping, public seating, pedestrian circulation have all been addressed in the plaza itself.

A5-6 Incorporate Landscaping as an Integral Element of Design

Incorporate landscaping as an integral element of design which is supportive of both the built and natural environment.

Response: Street trees will be planted along the pedestrian walkway as well as in the south plaza. The plaza will also feature planters to incorporate landscaping into the design of the project.

A5-7 Integrate the Civic Campus into the Lloyd District

Integrate the Civic Campus into the Lloyd District in a manner that provides a cohesive link westerly to the river and easterly to the core of the Lloyd District. Extend the Holladay Street pedestrian project to an active terminus overlooking the Willamette River. Link river overlooks, open spaces, and trails into a unified system to and along the riverfront wherever possible; create clear pedestrian connections to the riverfront; and encourage and enhance visual and physical corridors to river viewpoints and amenities. Provide safe and attractive vehicular/pedestrian access through the area that connects with development patterns in surrounding sub-districts. Integrate bridge and freeway access ramps into the arterial streets circulation pattern.

Response: Through the retail along the ground floor and the south plaza, the project provides a much needed urban development and pedestrian connection to a section of the neighborhood dominated by large streets with dense vehicular traffic and vast parking lots from nearby car dealerships. The project is along the streetcar and bus route connecting it to Holladay Street, the core of the Lloyd Center and downtown Portland.

A5-8 Integrate the Lloyd Shopping Center into the Lloyd District

Through inviting pedestrian access and clear visual connections for both vehicles and people, integrate by linking the Lloyd Center with residential areas to the east and west, office areas along Multnomah Street, Holladay Park and Holladay Street transit stops. Improve and extend the Center's pedestrian access to the north. Establish pedestrian access through the shopping center that connects with development in surrounding subdistricts.

Response: The site is not located in the vicinity of the Lloyd Shopping Center and therefore this guideline is not applicable.

A6 Reuse / Rehabilitate / Restore Buildings

Where practical, reuse, rehabilitate, and restore buildings and/or building elements.

Response: It is not practical to reuse, rehabilitate, or restore the current buildings. This project is a new development.

A7 Establish & Maintain a Sense of Urban Enclosure

Define public rights-of-way by creating and maintaining a sense of urban enclosure.

Response: The south plaza provides a unique opportunity inspired by a commonly unused urban space. Bordered by the proposed building to the north and an existing building and parking lot to the south, the alley is formed in the vacant area. Safety is provided through the proposed design's windows and balconies that line the plaza, constantly providing eyes on the open public space.

A8 Contribute to a Vibrant Streetscape

Integrate building setbacks with adjacent sidewalks to increase the space for potential public use. Develop visual and physical connections into buildings' active interior spaces from adjacent sidewalks. Use architectural elements such as atriums, grand entries and large ground-level windows to reveal important interior spaces and activities.

Response: The proposed design provides for expansive ground floor windows exceeding the minimum heights for active uses to promote quality, long term retailer and restaurants along the three frontages. The large lobby entry serves as an organizational element for balancing the breaks along the facade. The entrance is emphasized in this composition. The almost continuous active ground floor pulls the pedestrian around all sides of the building and through the south plaza. Additionally, all the "back-of-house" program has been condensed to the southeast corner of the property, off the street frontage, to allow for an almost uninterrupted glass frontage along all three street facades.

A8-1 Incorporate Active Ground Level Uses in Parking Structures

Incorporate active ground-level uses in new and modified parking structures that are near active retail and pedestrian areas.

Response: The parking structure for the building is located underground with a single garage entrance and exit along NE Schuyler, therefore this guideline is not applicable. The remaining façade along NE Schuyler includes retail, providing and interesting and active pedestrian area.

A9 Strengthen Gateways

Develop and/or strengthen gateway locations.

Response: The site is not located at a gateway location and therefore this guideline is not applicable. The site is located at a junction point between a high traffic commercial district and a quiet residential neighborhood along a commercial corridor with retail and industrial uses. The project use and scale of ground floor retail and residential apartments reinforces the themes of the retail/industrial district which helps to bridge the gap between these high traffic commercial and residential neighborhoods.

A9-1 Provide a Distinct Sense of Entry and Exit

Design and develop gateways into and within the Lloyd District that are appropriate and relate to the district's and subdistricts' emerging characteristics.

Response: The site is located on a secondary street off Broadway. The project serves as a transition between the quiet residential neighborhood to the north and nearby the Broadway/Weidler Corridor which is a gateway into the center of the Lloyd District. The allowed heights along broadway are 100', this project serves to reinforce the height transition from the residential zone to the commercial corridor.

Pedestrian Emphasis

B1 Reinforce and Enhance the Pedestrian System

Maintain a convenient access route for pedestrian travel where a public right-of-way exists or has existed. Develop and define the different zones of a sidewalk: building frontage zone, street furniture zone, movement zone, and the curb. Develop pedestrian access routes to supplement the public right-of-way system through superblocks or other large blocks.

Response: Retail space at the ground level engages the pedestrian with the building while new street trees define the furnishing zone and clearly mark the pedestrian thruway.

B1-1 Protect Pedestrian Areas from Mechanical Exhaust

Incorporate mechanical exhausting systems in a manner that does not detract from the quality of the pedestrian environment.

Response: All exhausting assemblies are located on the roof, well away from the ground level frontages and any area of pedestrian access.

B1-2 Incorporate Additional Lighting

Incorporate project lighting in a manner that reinforces the pedestrian environment and which provides design

continuity to an area by enhancing the drama and presence of architectural features.

Response: The retail entrances on the ground floor are recessed from the main pedestrian walkway and will include additional lighting to highlight and enhance the entry way. Additionally, the south plaza will be lighted to encourage pedestrian use at night.

B1-3 Design Projects to Attract Pedestrians to the Broadway/Weidler Corridor

Incorporate design features in new projects or building renovation which attract pedestrians and encourage their safe and enjoyable movement throughout the Broadway/Weidler Corridor and which support the corridor as a neighborhood retail area.

Response: The neighborhood currently hosts many car dealerships and the new design will promote more pedestrian use with added retail and commercial amenities along with the south plaza. The site is only a block away from the streetcar and bicycle lanes on NE Broadway and NE Weidler, linking the project to the greater Broadway/Weidler Corridor. The 9 story option would further attract pedestrians to the site.

B2 Protect the Pedestrian

Protect the pedestrian environment from vehicular movement. Develop integrated identification, sign, and sidewalk-oriented night-lighting systems that offer safety, interest, and diversity to the pedestrian. Incorporate building equipment, mechanical exhaust routing systems, and/or service areas in a manner that does not detract from the pedestrian environment.

Response: There will be street trees planted along NE 1st Ave, NE Schuyler, and NE 2nd Ave to provide a barrier between the pedestrian movement zone and the curb. Additional street parking will also serve as a barrier between the pedestrian and vehicular traffic.

B3 Bridge Pedestrian Obstacles

Bridge across barriers and obstacles to pedestrian movement by connecting the pedestrian system with innovative, well-marked crossings and consistent side-walk designs.

Response: The project site is located on a secondary street off busier streets such as NE Broadway and NE MLK. Additionally, the south plaza offers a protected space for the pedestrian to travel between NE 1st and 2nd Ave, as well as a lobby that connects the plaza to NE Schuyler.

B3-1 Provide Pedestrian Crossings Spaced at Traditional One-Block Intervals

Provide and design for pedestrian crossings spaced at traditional one-block intervals where deemed safe and appropriate by the City Engineer.

Response: The site is a traditional 200' Portland block which provides the pedestrian with flexibility. The south plaza offers a public amenity to traverse the block at the mid-point.

B3-2 Improve Pedestrian Crossings on N.E. Broadway

Provide pedestrian crossing amenities along N.E. Broadway that improve pedestrian safety and convenience.

Response: While the project is not on NE Broadway, the design does provide additional retail space and connects the residential neighborhood to NE Broadway.

B4 Provide Stopping and Viewing Places

Provide safe, comfortable places where people can stop, view, socialize, and rest. Ensure that these places do not conflict with other sidewalk uses.

Response: Integrated planters and benches are designed into the south plaza to encourage people to stop and stay.

B5 Make Plazas, Parks & Open Space Successful

Orient building elements such as main entries, lobbies, windows, and balconies to face public parks, plazas, and open spaces. Where provided, integrate water features and/or public art to enhance the public open space. Develop locally-oriented pocket parks that incorporate amenities for nearby patrons.

Response: The building offers a pass-through lobby that connects the south plaza to NE Schuyler. Also, the retail spaces connect directly to the south plaza, which encourages outdoor activity.

B6 Consider Sunlight, Shadow, Glare, Reflection, Wind & Rain

Develop integrated weather protection systems at the sidewalk-level of buildings to mitigate the effects of rain, wind, glare, shadow, reflection, and sunlight on the pedestrian environment.

Response: Along the south plaza, there are large overhangs provided by the buildings push-and-pull design that cover the entrances to the retail spaces.

B7 Integrate Barrier-Free Design

Integrate access systems for all people with the building's overall design concept.

Response: The proposed design is fully ADA accessible.

Project Design

C1 Enhance View Opportunities (C2)

Orient windows, entrances, balconies, and other building elements to surrounding points of interest and activity. Size and place new buildings to protect existing views and view corridors. Develop building facades that create visual connections to adjacent public spaces.

Response: The ground floor retail, which opens to NE Schulyer and the south plaza, invites pedestrians in and allows them to see easily into the space. The upper floors provide view opportunities to the neighborhood and the busier commercial district along NE Broadway and the south plaza.

C1-1 Maximize View Opportunities (C2-1)

Maximize view opportunities.

Response: There are numerous balconies along the north and south facades providing views into the greater Lloyd District. There is also a setback roof deck that will provide views to the central city and the mountains beyond. The 9 story option provides an increased visual connection to and from the building enhancing the view opportunities.

C2 Promote Quality & Permanence in Development (C10)

Use design principles and building materials that promote quality and permanence.

Response: The first floor is an open framework that allows the spaces to be more flexible in nature and conform to the owner's changing demands over time. The ground floor material is predominately glazing. Where the upper building cladding material touches the ground, will be clad in a durable, yet easily repairable material to meet the demand exerted upon it while being low maintenance. The upper five floors are clad in a durable yet low cost material that will allow the building to be low maintenance and long lasting, yet in the event of incidence, easily repairable by the owner so as to help the owner better keep the building in its intended state.

C2-1 Use Masonry Materials (C10-1)

Except for window glazing, use masonry types of materials as the predominant exterior material for building walls. Use modular stone or masonry materials on the building base or first floor of buildings whenever possible.

Response: The first floor and select upper portions of the building will be clad in storefront and metal panel. The dominant cladding material at upper floors will be a cementitious stucco in keeping with clean lines of much of the adjacent cladding materials found in the subdistrict.

C2-2 Design Exterior Building Walls that are Transparent in Glazed Areas and Sculptural in Surface (C10-2)

Design exterior building walls that are transparent or translucent in the glazed areas and which are textural, sculptural, and articulated in surface character.

Response: The glazing on the ground floor is transparent to allow the pedestrian to easily see into the retail spaces. On the upper floors, the glazed openings are oversized. They recess and extend to generate balconies and provide variation along the building's façade.

C2-3 Use Light Colors (C10-3)

The use of light color values is preferred for the predominant exterior building materials. Darker value materials should be used to accent or articulate the design.

Response: The building design is predominately a white material that is accented by a darker color on the major design moves.

C3 Respect Architectural Integrity (C1)

Respect the original character of an existing building when modifying its exterior.

Develop vertical and horizontal additions, that are compatible with the existing building, to enhance the overall proposal's architectural integrity.

Response: This guideline is not applicable because it is not practical to reuse, rehabilitate, or restore the current buildings.

C3-1 Integrate Parking (C1-1)

Integrate parking in a manner that is attractive and complementary to the site and its surroundings. Design parking garage exteriors to visually respect and integrate with adjacent buildings and environment.

Response: The parking is located below the ground floor so as not to impede upon urban design strategies such as the south plaza.

C4 Complement the Context of Existing Buildings

Complement the context of existing buildings by using and adding to the local design vocabulary.

Response: The surrounding context is dominated by car lots and several warehouses and commercial structures to the south and residential single family to the north. The building speaks more toward the convergence of the residential neighborhood to the north and the commercial area to the south. Allowing the development to cater to both uses and providing an avenue for some of the pedestrian traffic in the neighborhood to the north to make its way into an area. There are several retail establishments in the area and the addition of this proposed development's ground floor retail will help capture some of that pedestrian traffic. The 9 story is at a scale that is appropriate and in keeping with the expected further growth in that neighborhood.

C5 Design for Coherency (C3)

Integrate the different building and design elements including, but not limited to, construction materials, roofs, entrances, as well as window, door, sign, and lighting systems, to achieve a coherent composition.

Response: The building uses a limited palette of exterior materials which are carefully placed on the facades to reinforce the design concept. The disparate elements of a building's function, such as doors, lighting, and signage are designed to incorporate with the base pallet.

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C5-1 Design to Enhance Existing Themes in the Broadway/Weidler Corridor (C3-1)
Use special design features which reinforce architectural themes and elements within the Broadway/Weidler Corridor. Look to buildings from throughout the corridor for architectural precedent.

Response: Like many of the buildings in the Broadway/Weidler Corridor, the design promotes retail along the ground floor with large picture windows to encourage pedestrian use of the neighborhood. The building is also of a similar height and color palate to others in the corridor.

C5-2 Orient Developments Along the Lloyd District's Eastern Edge Toward Adjacent Neighborhoods (C3-2)

Design new projects along the eastern edge of the District so that they relate to the neighborhood through building orientation, building design and opportunities for public access.

Response: Though the site is along the northwest edge of the District, the project orients itself towards the neighborhood and serves as a nice transition between the single-family homes to the north and the busier commercial Broadway/Weidler Corridor to the south.

C6 Develop Transitions Between Buildings & Public Spaces (C4)
Develop transitions between private development and public open space.
Use site design features such as movement zones, landscape elements, gathering places, and seating opportunities to develop transition areas where private development directly abuts a dedicated public open space.

Response: The entrances to the retail spaces and main lobby along NE Schuyler are recessed back to create a transition between the public thoroughfare and the privately-owned shops. The south plaza also serves as a semi-public transition space between the public sidewalk and the semi-private first floor entry.

C7 Design Corners that Build Active Intersections (C5)
Use design elements including, but not limited to, varying building heights, changes in facade plane, large windows, awnings, canopies, marquees, signs, and pedestrian entrances to highlight building corners. Locate flexible sidewalk-level retail opportunities at building corners. Locate stairs, elevators, and other upper floor building access points toward the middle of the block.

Response: All four corners provide an active, ground floor retail area. Additionally, each of the proposed development' corners vary in the form, creating not only visual interest, but also guiding the eye around the building. This forces the occupant to engage with all sides of the building and helps direct the occupant to all retail spaces, as well as the south plaza area.

C8 Differentiate the Sidewalk-Level of Buildings (C6)
Differentiate the sidewalk-level of the building from the middle and top by using elements including, but not limited to, different exterior materials, awnings, signs, and large windows.

Response: The sidewalk level of the building is differentiated from the rest of the building by both the materials and subsequently the degree of transparency between the interior and exterior, as well as the framed enclosure created by the projections over the south plaza.

C8-1 Step-back Upper Building Floors Along Holladay Street (C6-1)
Along Holladay Street from 1st to 13th Avenues, locate building bases along the build-to lines while setting upper floors of tall buildings back from the street.

Response: Though the project is not located along Holladay Street, the building has an inviting ground floor that provides a human scale for the pedestrian.

C9 Develop Flexible Sidewalk-Level Spaces (C7)

Develop flexible spaces at the sidewalk-level of buildings to accommodate a variety of active uses.

Response: The retail spaces on the ground floor are designed to be a variety of sizes to accommodate large or small shops as well as restaurants, coffee shops, or bars. The adjacent south plaza also serves to accommodate these future retail spaces.

C10 Integrate Encroachments (C8)

Size and place encroachments in the public right-of-way to visually and physically enhance the pedestrian environment. Locate permitted skybridges toward the middle of the block, and where they will be physically unobtrusive. Design skybridges to be visually level and transparent.

Response: The transformer vault will encroach beyond the east property line, below the sidewalk. The sidewalk paving will integrate the vault into the paving pattern to make it as visually unobtrusive as possible.

C11 Integrate Roofs & Use Rooftops (C9)

Integrate roof function, shape, surface materials, and colors with the building's overall design concept. Size and place rooftop mechanical equipment, pent-houses, other components, and related screening elements to enhance views of the Central City's skyline, as well as views from other buildings or vantage points. Develop rooftop terraces, gardens, and associated landscaped areas to be effective storm water management tools.

Response: There are several balconies throughout the project that provide views for the tenants to downtown and the Lloyd District. The ground floor incorporates multiple planters to aid in storm water management.

C12 Integrate Exterior Lighting

Integrate exterior lighting and its staging or structural components with the building's overall design concept. Use exterior lighting to highlight the building's architecture, being sensitive to its impacts on the skyline at night.

Response: Exterior lighting will be at a minimum because much of the lighting will come from the spill out of interior light from the open retail. This will be coupled and complemented by exterior landscape lighting on the property, within the south plaza.

C13 Integrate Signs (C1-2)

Integrate signs and their associated structural components with the building's overall design concept. Size, place, design, and light signs to not dominate the skyline.

Signs should have only a minimal presence in the Portland skyline.

Response: There are no additional exterior building signs to be installed.

*The Section C Project Design Guideline numbers between the Central City Fundamental Design Guidelines and the Lloyd District Design Guidelines do not match. Guidelines are organized by the Central City standard and the Lloyd District numbers are in () after each name.

MODIFICATIONS NARRATIVE

This development is not requesting any modifications.

MANUFACTURER'S CUT SHEETS

MATERIAL & EQUIPMENT CUT SHEETS

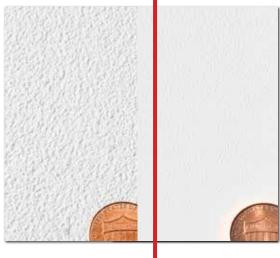
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- Easy 2-coat process to achieve an ultra-smooth exterior finish
- Requires no specialized application technique
- Provides more coverage than other 'smooth' finishes
- Low maintenance due to product's moisture resistance and vapor permeability
- Can be top coated for enhanced abrasion resistance

Safe for Applicators, Gentle on the Planet

- Ready-mixed product requiring no additives minimizes waste and potential errors
- Better workability results in reduced worker fatigue
- Water based, low VOC

Easy 5-Step Application for a Beautiful, Ultra-Smooth Finish.



1. Scrape or stone the base coat to remove trowel lines and other surface imperfections and remove surface dust.



Apply "Sto Primer Smooth" uniformly by spray or roller and allow to dry.



3. Apply a uniform coat of Stolit Milano by trowel and allow to dry



 After the product has dried, sand any trowel lines or imperfections with 100-150 grit sand paper and remove surface dust.



Apply second uniform coat of Stolit® Milano by trowel and allow to dry.

Contact your Sto Sales Representative for more information. Please visit us at **www.stocorp.com** or call us toll-free at **800-221-2397**.

ATTENTION

Sto products are intended for use by qualified professional contractors, not consumers, as a component of a larger construction assembly as specified by a qualified design professional, general contractor or builder. They should be installed in accordance with those specifications and Sto's instructions. Sto Corp. disclaims all, and assumes no, liability for on-site inspections, for its products applied improperly, or by unqualified persons or entities, or as part of an improperly designed or constructed building, for the nonperformance of adjacent building components or assemblies, or for other construction activities beyond Sto's control. Improper use of Sto products or use as part of an improperly designed or constructed larger assembly or building may result in serious damage to this product, and to the structure of the building or its components. STO CORP. DISCLAIMS ALL WARRANTIES EXPRESSED OR IMPLIED EXCEPT FOR EXPLICIT LIMITED WRITTEN WARRANTIES ISSUESD TO AND ACCEPTED BY BUILDING OWNERS IN ACCORDANCE WITH STO'S WARRANTY PROGRAMS WHICH ARE SUBJECT TO CHANGE FROM TIME TO TIME FOR the fullest, most current information or proper application, clean-up and mixing and other specifications and warranties, cautions and disclaimers, please refer to the Sto. Corp. website, www.stocorp.com.

Colorweld® 500

30-year warranty AAMA 2605

SERIES ONE Standard Solid Finishes

All Colorweld 500 Series One finishes, with the exception of Eastman Blue, are stocked in 62"-wide coil and are available in 0.040" x 48" Reynolux flat sheet.



Bone White 1 25-35*



Deep Black 20-30* 4.5¹, 0², 5³



Pure White 25-35* 69.4¹, 83², 75³



Brite Red 1 25-35* 39.4¹, 42², 10³



25-35* 69.1¹, 83², 75³

Frisco White 1



Charcoal 25-35* 28.6¹, 28², 8³



Cadet Gray 1 25-35* 35¹, 36², 34³



Eastman Blue 45-55* 37¹, 36.2², 17³

Limestone

25-35* 66¹, 56.5², 73.99³



25-35* 67.4¹, 81², 67³

Castle Gray 1

49.4¹, 56², 41³

25-35*



Pueblo Tan 🕖

25-35* 51.7¹, 60², 48³

Classic Bronze

20-30*

9.81, 22, 73

Sandstone 25-35* 82¹, 68.6², 73.7³

Colorweld® 500

30-year warranty AAMA 2605

SERIES TWO Premium Mica Finishes

All Colorweld 500 Series Two finishes are stocked in 62"-wide coil and are available in 0.040" x 48" Reynolux flat sheet.



Pewter 0 14.6¹, 10², 19³

Daybreak Mica

35.9¹, 38², 38³

Anodic Satin 1

53.6¹, 61², 39³

15-25*



Platinum 0 59.3¹, 70², 57³



Medium Bronze 15-25*



63¹, 75², 57³



Anodic Clear 100 20-30* 56.2¹, 65², 54³



Silversmith 9 58.11, 682, 523



Champagne Mica 15-25* 29.5¹, 30², 21³



Anodic Bronze 1 42.91, 472, 233



Vancouver Copper 6 47.4¹, 53², 28³



Driftwood Mica 15-25* 9.2¹, 3², 7³

Colorweld® 500XL

Anodic finishes are formulated to closely resemble popular anodized colors used on curtain wall profiles.

30-year warranty AAMA 2605

SERIES THREE Premium 3-coat Metallic Finishes

Compatible with PPG's DURAPREP® Prep™ 400 graffiti-resistant coating.

All Colorweld 500XL Series Three finishes are stocked in 62"-wide coil and are available in 0.040" x 48" Reynolux flat sheet.



Copper Penny 1 44.4¹, 48², 24³



Nightfall Metallic 1 20-30* 11.1¹, 2², 8³



Bright Silver Metallic 1 15-30* 61¹, 70², 61³



Champagne Metallic 100 25-35* 54.3¹, 61², 52³



Titanium 1 25-35* 44.21, 472, 443

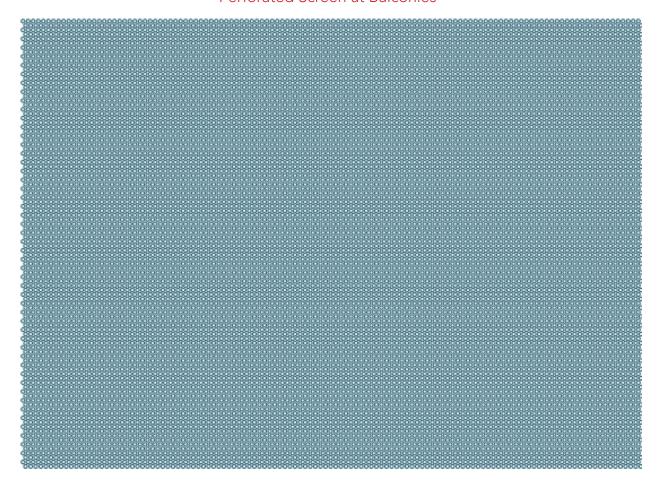
- ♦ Available with the EcoClean™ self-cleaning coating.
- ¶ Environment-friendly cool-pigment finish.
- * Specular Gloss Reading
- ¹ Solar Reflectivity Value (SRV); ASTM C1549
- ² Solar Reflective Index (SRI); ASTM E1980
- ³ Light Reflectance Value (LRV); ASTM E1477

reynobond.com reynobond.com/stockinglist

Metal Panel and Reveal Material

Custom Metal:

Aluminum-zinc alloy-coated steel sheet Guages 18-22 depending on installation location.



3/64" Diameter 1/16" Staggered Centers

Hole Type: Round

Finish Type: Finished Random

Hole Size: 3/64"

Centers: 1/16"

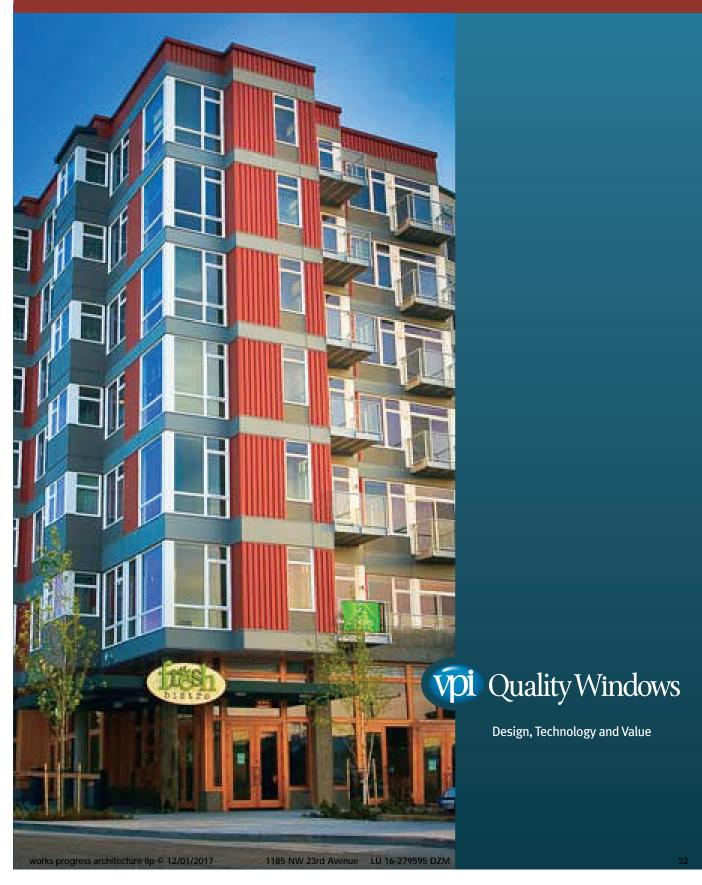
Pattern Type: 60 Deg

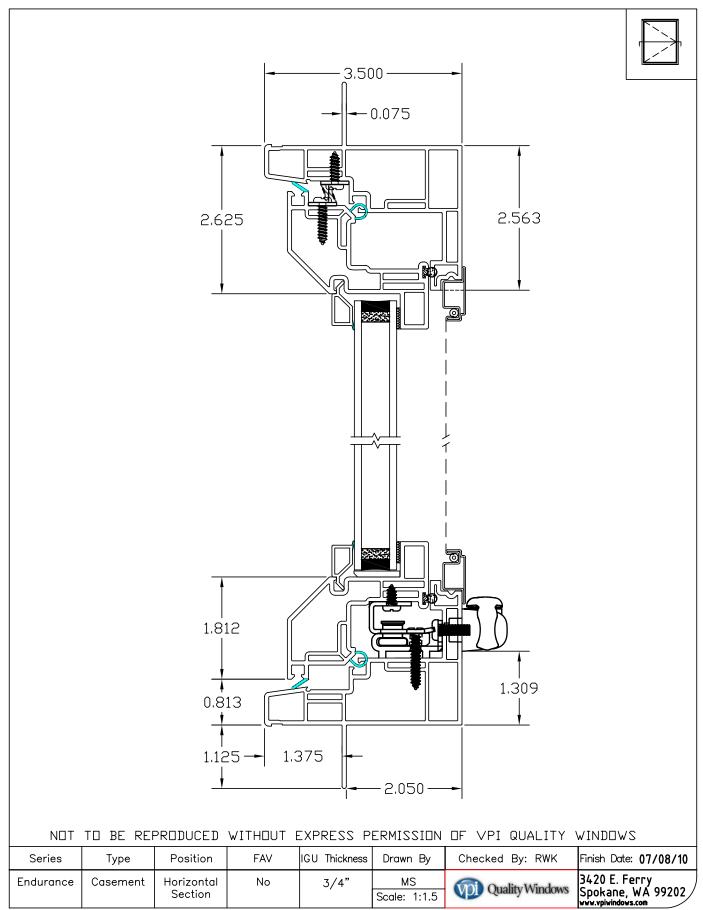
Holes PSI: 295.60

Open Area: 51.01%

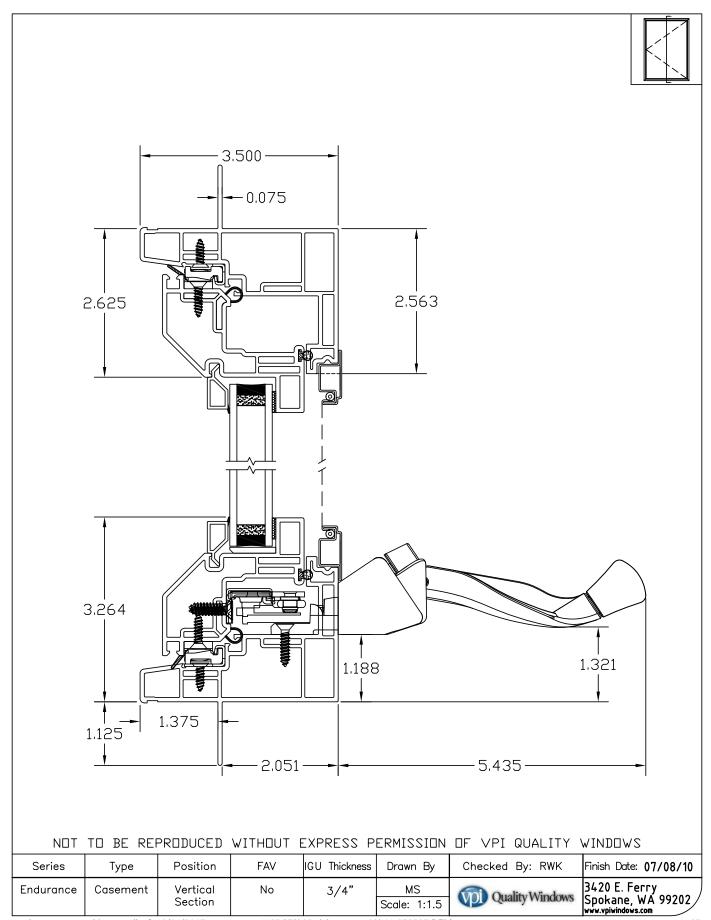


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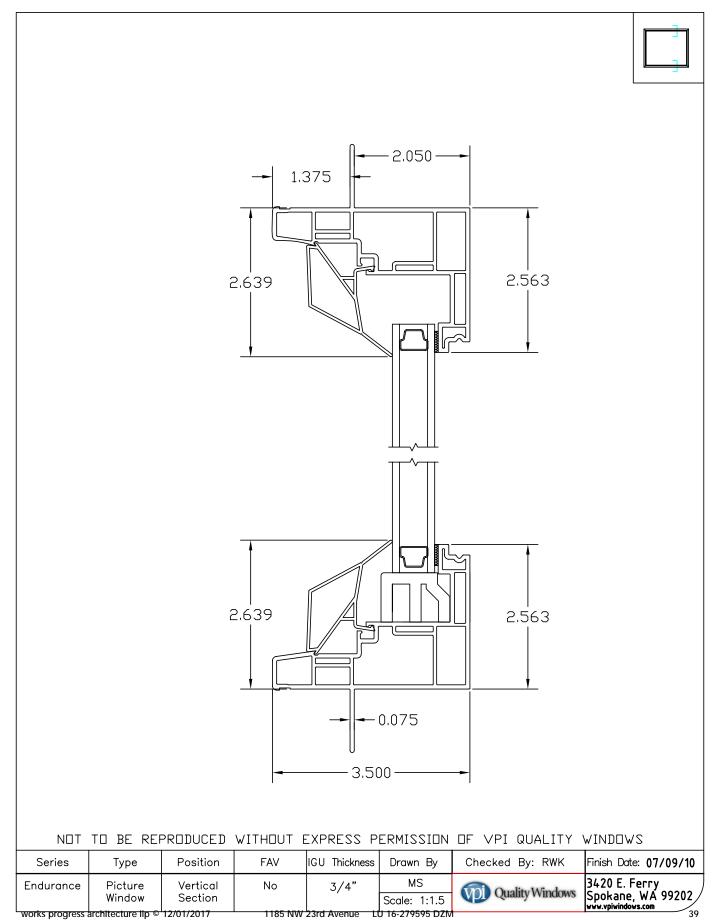




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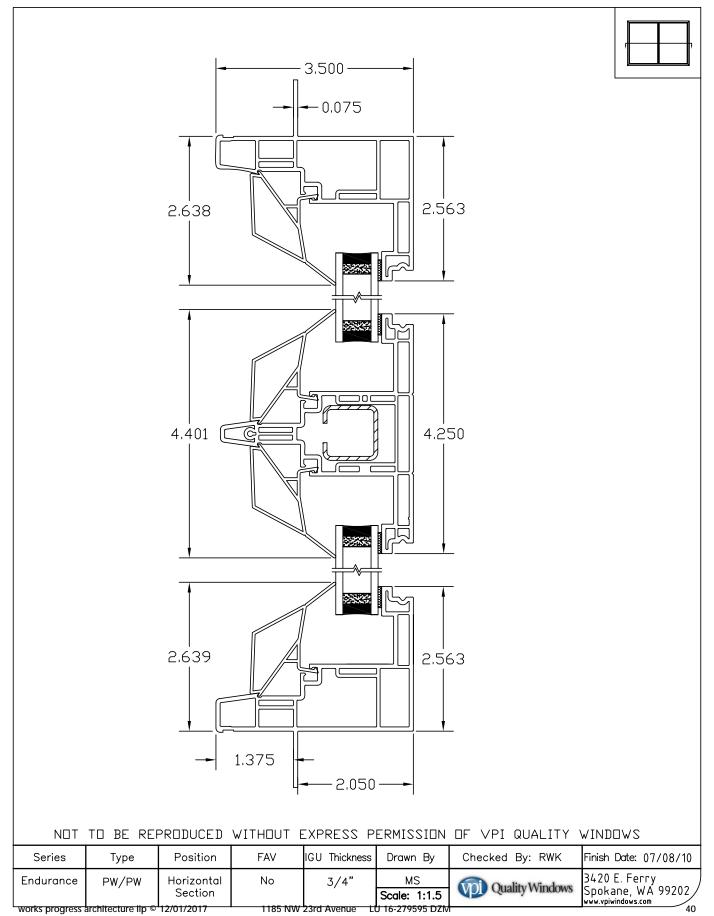


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Features

- Trifab® VG 451/451T is 4-1/2" deep with a 2" sightline
- Front, Center, Back or Multi-Plane glass applications
- Flush glazed from either the inside or outside
- Screw Spline, Shear Block, Stick or Type-B fabrication
- SSG / Weatherseal option
- Isolock® lanced and debridged thermal break option with Trifab® VG 451T
- Infill options up to 1-1/8" thickness
- Permanodic® anodized finishes in 7 choices
- Painted finishes in standard and custom choices

Optional Features

- High performance interlocking flashing
- Acoustical rating per AAMA 1801 and ASTM E 1425
- Project specific U-factors (See Thermal Charts)

Product Applications

- Storefront, Ribbon Window or Punched Openings
- Single-span
- Integrated entrance framing allowing Kawneer standard entrances or other specialty entrances to be incorporated
- Kawneer Sealair® windows or GLASSvent® are easily incorporated

For specific product applications, Consult your Kawneer representative.



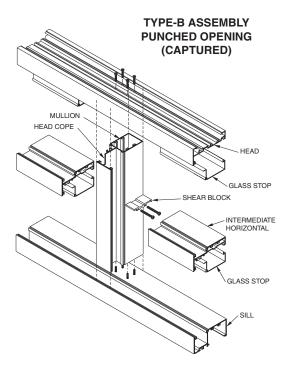
1732 NE 2™ Avenue Design Review : Narrative Packet works progress architecture IIp © REVISED 08.10.2017

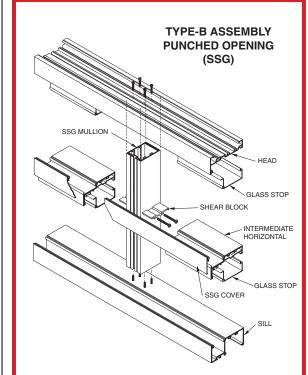
DETAILS

PICTORIAL VIEW (FRONT)

EC 97911-43

The **TYPE-B** punched opening fabrication allows a frame to be pre-assembled and installed as a single unit. Screws are driven through the back of the head and sill members into splines extruded in the vertical framing members. Intermediate horizontals are attached to the verticals with shear blocks.





Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

TYPE-B ASSEMBLY
PUNCHED OPENING
(WEATHERSEAL)

SSG MULLION
WEATHERSEAL

HEAD

GLASS STOP

SHEAR BLOCK

INTERMEDIATE
HORIZONTAL

SSG COVER

SILL

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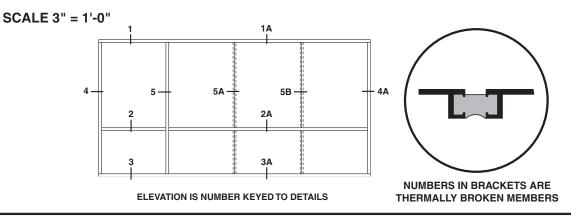
MAY, 2012

Laws and building and safety codes governing the design and use of glazed entrance, window, and curtain wall products vary widely. Kawneer does not control the selection of product configurations, operating hardware, or glazing materials, and assumes no responsibility therefor.

DETAILS

BASIC FRAMING DETAILS (FRONT)

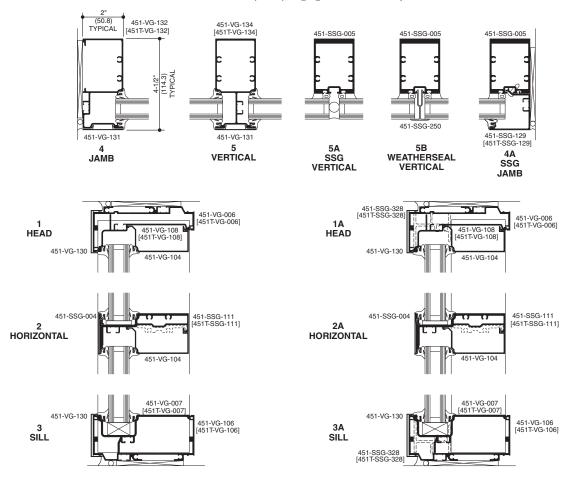
EC 97911-43



STICK (INSIDE GLAZED) TWO COLOR OPTION

STANDARD RECEPTOR with SSG ADAPTOR

CAD Details - STICK (TF451) = TF_VG_451-Stick-Front--CAD.zip (TF451T) = TF_VG_451T-Stick-Front--CAD.zip



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Perforated Garage Door

Model 838 (Face Mounted)

				H	IGHT	3 (OPE	HEIGHT B (OPENING HEIGHT)	E				
	16	3.0.		T0 1	TO 14'0"		TO	TO 18'0"		T0 1	TO 18'0"	
	BRACKET	SIDE ROOM	MOOI	BRACKET	SIDE	SIDE RDOM	BRACKET	SIDE ROOM	MOO	BRACKET	SIDE ROOM	MOON
Width A	X&Y	œ	-	X&Y	æ	-	X&Y	œ	-	X&Y	œ	-
				CHAIN	HOIS	T OPE	CHAIN HOIST OPERATED					
TO 20'0"	18-1/2"	èo	.9	.22	ào	.9	24.	ь	ь	163	ью	.9
20'0" TO	18-1/2"	òo	.9	22	bo	ь	24"	bo	è	32	bo	.9
25'U" TO 28'U"	18-1/2	òo	.9	22,	86	ь	24"	ào	io of	30	òo	.9
				MO	TOR O	MOTOR OPERATED	EO					
TO 20'0"	30.	òo	.9	22.	-8	ь	24.	èo	io.	36	òo	.9
20'0" TO 25'0"	20.	òo	.9	22.	ь	.9	24"	bo	6	36	òo	.9
25'U" TO 28'U"	20.	60	9	.72.	ю	9	24"	bо	.9	36.	òo	.9
			-	CRANK OPERATED CONSINT FACTORY	ATEN	CONC	III FACTOR	2				

Model 800 (Between Jambs, Under Lintel)

SALEST SIDE ROOM SALEST SALE					¥	3	8 (OP	HEIGHT B (OPENING HEIGHT)	Ē				
SACET SIDE GOOM BACKET SIDE GOOM BACKET SIDE SI		6	ь		TO	14.0.		TO	18.0		TO	.0.81	
18-1/2 \$\$\text{\$\exitit{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\text{\$\e		BRACKET	SIDE	MOOR	BRACKET	SIDE	MOON	BRACKET	SIDE	MOOR	BRACKET	SIDE	MOOR
18-1/2 \$4.06 7.08 22 \$4.06 7.00 24 \$4.00 7.00 \$4.00 \$1.00 \$2 \$4.00 7.00 \$2 \$4.00 \$2	Width A	X&Y	œ	1	X&Y	œ	-	X&Y	œ	٦	X&Y	oc	-
18-1/2 \$4.06 7.106 22 \$4.06 7.106 24 \$4.016 7.106 \$50 \$4.016 \$1.016 \$18-1/2 \$4.016 7.106 22 \$4.016 7.106 23 \$4.016 7.106 24 \$4.016					CHAIN	HOIS	TOPE	RATED					
18-1/2 \$4.016 7.108 22 \$4.016 7.108 24 \$4.016 7.106 \$55 \$4.016 \$18-1/2 \$2.016 7.108 \$2.016 7.	TO 20'0"	18-1/2"	91/16	7-1/16	m	9-1/16	7-1/16		31/1-6	7.1/16	36	91/1-6	7.1/18
18-1/2 \$4.016 7.018 227 \$4.016 74.016 247 \$4.016 74.016	25'0"	18-1/2"	9-1/16	7-1/16	.77	9-1/16			9-1/16	7-1/16	18	9-1/16	3-1116
20" \$-1116 2.118 22" \$-1116 24" \$-1116 24" \$-1116 25" \$-1116 24" \$-1116 25" \$-116	28'0" TO	18-1/2	91/16	7-1/16	.77.	9-1/16	7-1/16	24"	31/1-6	7.1/16	36	91/16	7.1/16
20° \$-108 \$2.7 \$-108 \$7.9 \$-108 \$2.7 \$-108 \$7.9 \$-108 \$2.9 \$-108 \$-108 \$2.9 \$-108 \$2.9 \$-108 \$2.9 \$-108 \$2.9 \$-108 \$2.9 \$-108 \$2.9 \$-108 \$2.9 \$-108 \$2.9 \$-108 \$-108 \$2.9 \$-108 <t< td=""><th></th><td></td><td></td><td></td><td>MG</td><td>TOR O</td><td>PERA</td><td>031</td><td></td><td></td><td></td><td></td><td></td></t<>					MG	TOR O	PERA	031					
20' \$-106 3-108 22' \$-106 34' \$-106 25' \$-106	10 20'0"	202	9.1/16		22	9-1/16	7-1/16		31/1-6	3.1/16	193	91/16	3-1116
20" SUNG TUNG 22" SUNG TUNG 24" SUNG TUNG 26" CRANK OPERATED-CONSULT FACTORY	25'0"	20.	9-1/16		22.	9-1/16			31/1-6	7-1/16	100	91/16	3-1116
CRANK OPERATED-CONSULT FACTORY	280	200.	91/16	7.176	77.	9.1/16	7.1/16	24"	9.1/16	7.1/16	100	91/16	7.1/16
				5	SANK OPER	ATED	CONS	ULT FACTOR					

NOTE: Dimensions are for general reference only and not for construction purposes



MODEL 800

ROLLING STEEL DOORS



Rolling service doors to meet your most demanding and rigorous applications

The Wayne Dation Model 800 rolling service door is designed to meet the tough requirements of virtually any commercial or industrial application. The Model 800 offers flexibility in substrate materials with choices of galvanited or prime steel, stainless steel, or aluminum.

➤ FLAT AND CURVED 3" SLATS AVAILABLE

➤ MAX STEEL GAUGE = 16

➤ WIND LOAD UP TO 55 PSF

➤ SIZES UP TO 40' WIDE AND 40' HIGH

Color options range from our standard five factory finish of 197 RAL powder cost choices.

architecture lip 6 12/01/2017

©2015 Wayne Dallon, a division of Overhead Door Corporation. Consistent with our policy of continuing product improvement, we reserve the right to change product specifications without notice or obligation. Hen 303067

Go to www.wayne-dalton.com/commercial and click on the Architect Resource Center. Here you will quickly find all of the specifications, drawings and documents www.wayne-dalton.com/commercial

Resource Center

Architect

1185 NW 23rd Avenue LU 16-279595 DZM

1/32 INE 2" Avenue Design Review: Narrative Facket Works progress architecture iip ⊌ REVISED 00.10.2017



S œ 0 0 ۵ ш 2 I V ER s OLLING ~

MODEL

Standard Features Overview

CONSTRUCTION

42' (12802 mm) Max Width

40' (12192 mm) Max Height

Manual push-up, unless size requires chain hoist. Face mount; between jambs. Operation: Mounting

Curtain

steel.

3" galvanized steel curved slats (#4 profile), primed gray, white, beige or brown; 22-gauge steel with alternating endlocks.

Galvanized steel double angle with weatherstrip Chain holder, suitable for padlocking, on chain operated doors.

Bottom Bar

Guides

Locking

Galvanized roll-formed steel channel; factory painted black.

Steel pipe, factory painted black, of adequate size to restrict a maximum deflection of .033" per linear foot. Oil tempered, 20,000 cycle helical 1/4" steel plates with permanently sealed ball bearing, factory painted black.

Counterbalance

Brackets

24-gauge galvanized steel round hood; primed gray, white, beige or brown.

wenty-four (24) month +/- 20 psf standard

WARRANTY

Wind Load

- Operation: Crank (awning, wall), chain hoist, motor, through wall
 - Slat options: 3" flat slat, perforated flat slat, 6" curved slat • Curtain options: Steel, stainless steel, aluminum
- Curtain finish: G-90 galvanized bare or painted beige, gray, white or brown, stainless steel #4, aluminum anodized finishes, powdercoat (RAL and custom)
- · Locking: Slide bolts, cylinder, Best lock, thumb turns
- construction (galvanized steel only), extruded aluminum, sloped Bottom bar: Stainless steel double angle, structural steel angle
- Bottom edge: Astragal, pneumatic or electric sensing edge Hood: 22-gauge hood option, square hood option
- Spring: Up to 200,000 cycle, options available dependent on door size
- Guides: Structural three angle: galvanized steel, stainless; hot dipped
- Brackets finish: Galvanized (hot dipped), stainless steel #4, powdercoat galvanized (structural steel angle only)

ns

Color Opti

Perimeter seals: Angled guide brush seal, clip-on vinyl guide seal,

- to meet up to Dade County Florida Building Commission High Velocity Wind load: Minimum of +/- 20 PSF up to +/- 55 PSF; options available exterior lintel weather seal, interior weather baffle
- covers, fascia, drop stop device, open fenestrations, vision lites, pass door Other options: Wind locks alternating or continuous with windbar, end

Hurricane Zone (FBC HVHZ)

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LU 16-279595 DZM

applications, the Wayne Dalton Model 800 pre-painted curtain of minimum 22-gauge rolling service door features a galvanized, Popular in both interior and exterior

are available to cover FBC and Dade County wind load of 20 PSF. Optional wind load ratings of up to 55 PSF The Model 800 door has a standard wind load rating requirements.

Materials and Construction

Wayne Dalton's Model 800 rolling doors are composed of curved or flat-faced slats that provide a natural water-shed, helping to reduce corrosion.

joints that permit easy articulation when the door coils. The slats are designed with free-acting interlocking

Slat Profiles

protruding into the guide openings, so the bottom bar Model 800 features a strong double-angle bottom bar finishes are available in primed black finish, stainless wind pressure and permits varied lock, astragal, and that reinforces the lower edge of the curtain against steel #4, powdercoat (RAL and custom); hot dipped galvanized (double angle only), mill, clear or bronze for easy installation and does not require fasteners does not interfere with door operation. Bottom bar safety edge options. This bottom bar is designed anodized aluminum.



No. 14 — Flat-faced slat available in up to 16-gauge steel, up to 18-gauge steinless steel, or up to 14-gauge B&S aluminum. Depth of crown: 3/4", 27/16"

No. 4 — Curved-faced single crown slat available in up to 16-gauge steel, up to 18-gauge stainless steel, or up to 14-gauge B&S aluminum. Depth of crown: 7/8", 25/8"







No. 14 slat, shown with a Pass Door 1185 NW 23rd Avenue LU 16-279595 DZM

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No. 4 slat

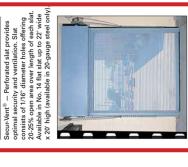
42

Actual colors may vary from brochure due to fluctuations in the printing process. Always request a color sample from your Wayne Dalton dealer for accurate color matching.

Brown

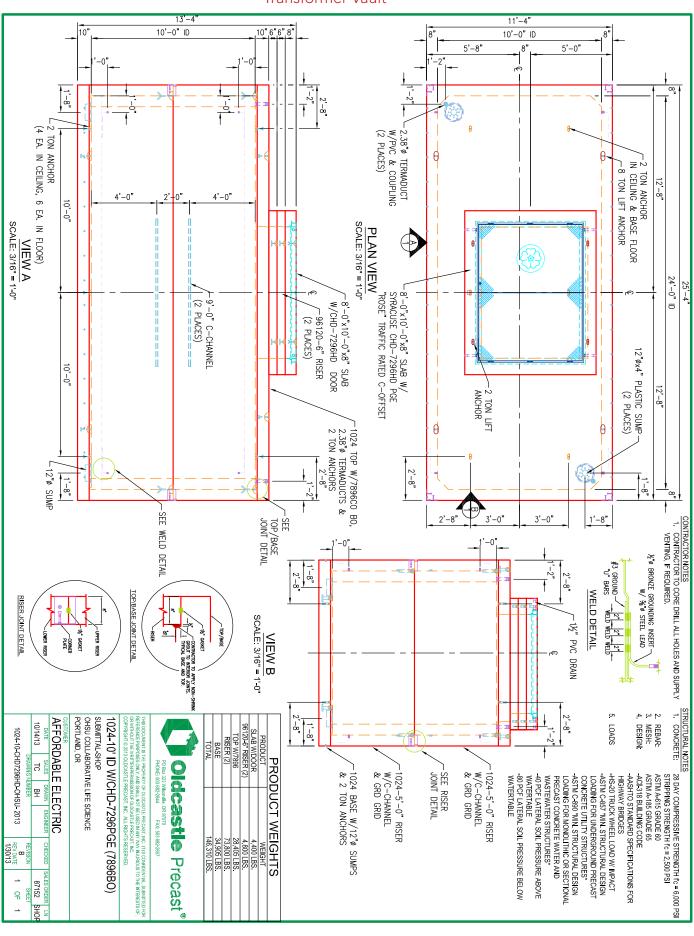
Beige

Gray



Secur-Vent®

Transformer Vault



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Features

Dimmable
Flicker-Free
In-line Connection
Long Life
Instant On
RoHS Compliant
Lead Free
Mercury Free
No UV



EcoSense Lighting Inc. 80 Broad Street 5th Floor New York, NY 10004

www.ecosenselighting.com

Phone 212-228-8118 Fax 212-228-9113 Toll Free 855.632.6736

(V. 9.24-2012

EcoSpec® Linear HP EXT

DATE:
PROJECT:
FIRM:

EcoSense® EcoSpec® Linear HP EXT is an ultra-bright exterior linear white light fixture. Brighter than fluorescent tubes, these flicker-free dimmable fixtures offer an earth-friendly, mercury free cove solution.

Leveraging years of lighting experience, this robust aluminum frame fixture features powerful, energy efficient LEDs and precision constant current circuits for long-life applications.

With smart power technology, EcoSpec® Linear HP EXT connects directly to AC power; simplifying installation and minimizing costs. These long-life fixtures quickly pay for themselves in energy savings and maintenance costs, providing substantial savings over the 36,300 hour life of the lamp.



Specifications

Color Temperature	Lumen Output (120° x 120°)
2700K	660 lm/LF : 660 (1') / 1,320 (2') / 1,980 (3') / 2,640 (4')
3000K	656 lm/LF : 656 (1') / 1,312 (2') / 1,968 (3') / 2,624 (4')
4000K	753 lm/LF : 753 (1') / 1,506 (2') / 2,259 (3') / 3,012 (4')
Color Rendering Index	min 80
Rated Life	36,300 hours
Beam Angle	120° x 120°
Power Consumption (Max)	120VAC - 12.5W (1ft) / 25W (2ft) / 37.5W (3ft) / 50W (4ft) 220VAC - 14W (1ft) / 28W (2ft) / 42W (3ft) / 56W (4ft)
Efficacy (lm/W)	120VAC - 52.8 @ 2700K / 52.4 @ 3000K / 60.2 @ 4000K 220VAC - 47.1 @ 2700K / 46.8 @ 3000K / 53.7 @ 4000K
Maximum Fixture Run Length	65' (20m) @120VAC / 130' (40m) @220VAC
Operating Temperature	-4°F to 122°F (-20°C to 50°C)
Operating Voltage	100-120VAC, 220-240VAC, 50-60Hz
Dimming	ELV type, trailing edge dimmers
Housing	Aluminum; Clear Polycarbonate Lens
Fixture Connectors	Integral male / female 3-pin connectors
Fixture Rating	CE Certified – IP66 UL Certified for Wet Location
Warranty	5 Years
Weight	0.9kg (1ft) / 1.7kg (2ft) / 2.5kg (3ft) / 3.3kg (4ft)
Dimensions	W 1.8" x H 2.1" x L 12"/24"/36"/48" (45.3mm x 52.7mm x 305mm/609mm/914mm/1,219mm)
Certifications	CUL US CE TOS ROHS COMPLIANT

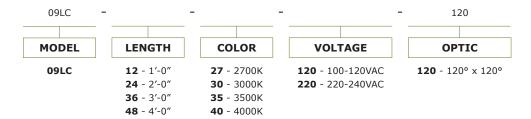
Restriction of Hazardous Substances Directive (RoHS) implements EU Directive 2002/95 which bans placing electrical and hazardous equipment that contains more than agreed levels of hazardous substances on the EU market. For a list of these substances visit www.rohs.gov.uk.

www.ecosenselighting.com



EcoSpec® Linear HP EXT

Ordering Information Choose the option that best suits your needs and write its corresponding code on the appropriate line to form the product code.



Order accessories as separate catalogue numbers from the **Accessories** section below.

EXAMPLE: 09LC-12-27-120-120

Accessories

Wiring

Leader Cable 10'-0" (UL)*	EXT-A-CBL-120-10	Leader Cable 10'-0" (CE)*	EXT-A-CBL-220-10
Jumper Cable 1'-0" (UL)	EXT-A-JMP-120-1	Jumper Cable 1'-0" (CE)	EXT-A-JMP-220-1
Jumper Cable 5'-0" (UL)	EXT-A-JMP-120-5	Jumper Cable 5'-0" (CE)	EXT-A-JMP-220-5

^{*} One (1) terminator is included standard with each Leader Cable

Mounting

Adjustable Hinged Bracket	10-A-MNT-ADJ
Flat Mounting Plate	10-A-MNT-FLAT
Safety Bracket	09-A-MNT-SAFT

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Specifications subject to change without notice.
Visit www.cosenselighting.com for the most current specifications.
EcoSense, the EcoSense logo, and EcoSpec are registered trademark of EcoSense Lighting Inc.





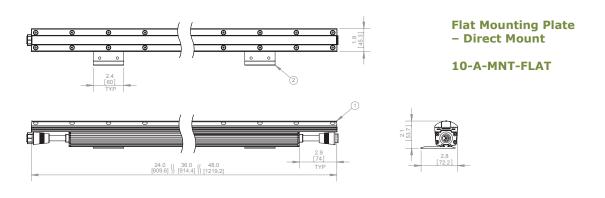
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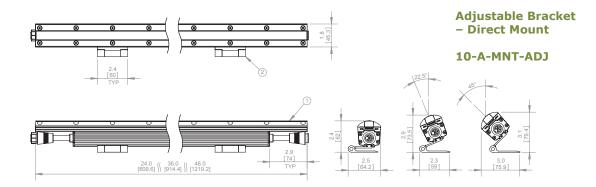
DATE: PROJECT:

FIRM:

EcoSpec® **Linear HP EXT**

Dimension and Mounting For complete dimensional submittal drawings and full scale CAD drawings, please visit ecosenselighting.com.





DIMENSION IN

INCHES / [MM]

EC@SENSE*

www.ecosenselighting.com

1732 NE 2nd Avenue Design Review: Narrative Packet works progress architecture ∥p © REVISED 08.10.2017

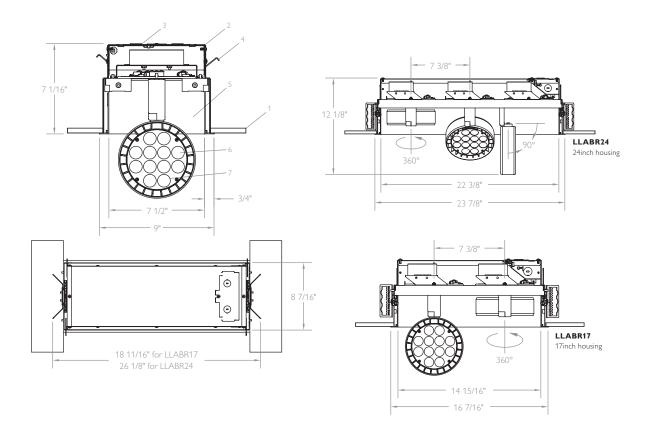
LLABR

Spot LED Recessed

Page 1 of 4

Catalog number:

Notes: Type:







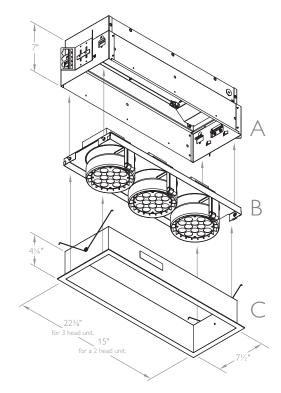
LLABR

Spot LED Recessed

Page 2 of 4

Three-part ordering system $A + B + C + D^* = complete unit.$

Optional Mud-in kit (part D) not shown in diagram.



Three-part ordering system $A + B + C + D^* = complete unit.$

△ Housings example: LLABR24120

Model	Length	Voltage
LLABR	17 17"	120 120v
	24 24"	277 277v

Light engines example: LLABR24WH030H3RSRSRS

Model	Length	Head color	Engine	сст	Number of heads	Beam	Optic type
LLABR	17 17"	WH White BK Black	0 17W 1 27.5W	27 2700K 30 3000K	H2 2 heads	RSRS RNFRNF RFRF	(2) Spot (2) Narrow flood (2) Flood
	24 24"				H3 3 heads	RSRSRS RNFRNFRNF RFRFRF	(3) Spot (3) Narrow flood (3) Flood

Finishing sections example: LLABR24WHFT

Model	Length	Housing color	Flange
LLABR	17 17" 24 24"	WH White BK Black	W (with flange) FT (flangeless trim)

* Mud-in kit example: LLABR24

Model	Length
LLABR	17 17" 24 24"

^{*} Required for flangeless sheet rock application





Page 3 of 4

Features

- Trim: Extruded aluminum, welded together on all corners, with powder coat finish
- Housing: Dedicated housing voltage. Low profile (7"). Die-formed 22 ga. steel, black finish.
- Junction box: Integrated junction box with separate wire compartment. Dual access from inside and outside.
- 4. Mounting: Mounting brackets are adjustable vertically from inside of housing. Maximum ceiling thickness is 1.625". Accepts various types of mounting bars (C channel...and such, ordered separately). For use in T-grid or sheet rock ceilings.
- 5. Thermal management: Proprietary heat sink design was developed using the latest Computational Fluid Dynamics Software. Die cast aluminum effectively cools LEDs providing a minimum 50,000 hr lifetime at 70% lumen maintenance.
- 6. Optic assembly: Efficient TIR (total internal reflection) optically clear thermoplastic lenses held securely by frosted translucent thermoplastic holder. Positive securement into luminaire with screws and accurately positioned on LEDs with locating pins. Prevents dust and contaminants from entering LED compartment.
- Light source: High brightness white LED. 80-85 CRI, LEDs selected for tight color consistency between luminaires single 3 step MacAdam ellipse max.

Application Compatibility

Series	T-Grid	Sheet Rock
2 Head	Flange	Flange/Flangeless
3 Head	Flange/Flangeless*	Flange/Flangeless

^{*} Additional T-Grid runners are required (supplied by others)

Electrical

Electronic power supply: RoHS compliant Class 2 power unit for use in a damp or dry location (Outdoor Type1 IP66). Class A sound rated unit tolerates sustained open circuit and short circuit output conditions without damage. Complies with FCC rules per Title 47 CFR PART 15 Non-Consumer (Class A) for EMI/RFI (conducted and radiated) at full load.

9 LED electrical

Input voltage: 120V, 277V at 50/60Hz

Lumen maintenance: >70% of initial lumens at 50,000 hrs Photometric performance: Tested in accordance to LM79

Nominal input power: 17W

Power factor: >.9

Beam spread	Delivered lumens (3000K)	Efficacy	СВСР
10°	1030	61	24,000
22°	975	57	4,000
36°	900	53	2,000

Accessories*

Accessory holder: Requires 8595 (accepts two accessories).

Snoot: 23SNT6WH/BK/AL **Louver:** AL4HC Series

Diffusion/special filters: AF4 Series

Color filters: ADF4 Series (will project colored light on ceiling).

* Accessories are not Energy Star qualified. Only applies to 9 LED electrical (above).

12 LED electrical

Input voltage: 120V, 277V

Lumen maintenance: >70% of initial lumens at 50,000 hrs **Photometric performance:** Tested in accordance to LM79

Nominal input power: 27.5W

Power factor: >.9

Beam spread	Delivered lumens (3000K)	Efficacy	СВСР
Spot 11°	1668	61.3	34,335
Narrow flood 20°	1607	59.1	7,318
Flood 39°	1553	57.1	3,069

Labels

Energy Star (pending) 5 year warranty

cULus listed. Suitable for damp location.

Title 24 compliant



FEATURES

- Up to 19 SEER / 12.5 EER / 9.0 HSPF
- High-efficiency inverter driven swing compressor
- Low ambient heating to 5°F / -4°F with optional drain pan heater
- Low ambient cooling capable
- Specialized drain pan design for improved cold climate drainage
- Mold-resistant washable air filter
- Titanium apatite photo catalytic air purification filter
- Vertical auto-swing air flow
- Standby electricity savings mode
- Hot-start function to eliminate start-up drafts
- Powerful (turbo) and Econo mode settings
- Wireless remote with backlit LCD display

BENEFITS

- 10 Year limited parts warranty with online registration
- 5 Year limited parts warranty for commercial applications
- High efficiency cooling and heating operation provides utility bill savings
- Low profile indoor unit with matte white finish
- May qualify for regional utility rebates and incentives
- Compatible with optional Daikin ENVi Wi-Fi capable Smart Control

INDOOR UNIT



OUTDOOR UNIT



(Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this data sheet without notice and without incurring any obligations)



Submittal Data Sheet

0.75-Ton Wall Mounted Unit FTX09NMVJURX09NMVJU

Indoor Unit Model No.FTX09NMVJUIndoor Unit Name:19 SEER HP DUCTLESS ID 3/4 TONOutdoor Unit Model No.RX09NMVJUOutdoor Unit Name:19 SEER HP DUCTLESS OD 3/4 TONRated Cooling Capacity (Btu/hr):9,000Rated Cooling Conditions:Indoor (°F DB/WB): 80 /67 Ambient (°F DB/WB): 95 /75Sensible Capacity (Btu/hr):9,000Rated Piping Length(ft):25Max/Min Cooling Capacity (Btu/hr):10,200 / 4,400Rated Height Difference (ft):49.00Cooling Input Power (kW):0,720Rated Heating Conditions:Indoor (°F DB/WB): 70 / 70 Ambient (°F DB/WB): 47 / 43EER (Non-Ducted/Ducted):19.00 /HSPF (Non-Ducted/Ducted):3.7 /Rated Heating Capacity (Btu/hr):10,000Heating COP (Non-Ducted/Ducted):3.7 /Max/Min Heating Capacity (Btu/hr):13,000 / 4,400Heating Lapacity (Btu/hr):15,000 / 4,400Heating Input Power (kW):0.72Heating Lapacity (Btu/hr):15,000 / 4,400	SYSTEM PERFORMANCE			
Rated Cooling Capacity (Btu/hr): Sensible Capacity (Btu/hr): 9,000 Rated Piping Length(ft): 25 Max/Min Cooling Capacity (Btu/hr): 10,200 / 4,400 Rated Heating Conditions: Max/Min Power (kW): 19,00 / Rated Heating Conditions: Rated Heating Conditions: HSPF (Non-Ducted/Ducted): 19,00 / Heating COP (Non-Ducted/Ducted): 3,7 / Rated Heating Capacity (Btu/hr): 10,000 Max/Min Heating Capacity (Btu/hr): 13,000 / 4,400	Indoor Unit Model No.	FTX09NMVJU	Indoor Unit Name:	19 SEER HP DUCTLESS ID 3/4 TON
Sensible Capacity (Btu/hr): Sensible Capacity (Btu/hr): 9,000 Rated Piping Length(ft): 25 Max/Min Cooling Capacity (Btu/hr): 10,200 / 4,400 Rated Heating Conditions: Ambient (°F DB/WB): 95 / 75 49.00 Cooling Input Power (kW): 0.720 Rated Heating Conditions: Indoor (°F DB/WB): 70 / 70 Ambient (°F DB/WB): 70 / 70 Ambient (°F DB/WB): 47 / 43 SEER (Non-Ducted/Ducted): 19.00 / HSPF (Non-Ducted/Ducted): 9.0 / Rated Heating COP (Non-Ducted/Ducted): 3.7 / Rated Heating Capacity (Btu/hr): 10,000 Max/Min Heating Capacity (Btu/hr): 13,000 / 4,400	Outdoor Unit Model No.	RX09NMVJU	Outdoor Unit Name:	19 SEER HP DUCTLESS OD 3/4 TON
Max/Min Cooling Capacity (Btu/hr): 10,200 / 4,400 Rated Height Difference (ft): 49.00 Cooling Input Power (kW): 0.720 Rated Heating Conditions: Indoor (°F DB/WB): 70 / 70 Ambient (°F DB/WB): 47 / 43 SEER (Non-Ducted/Ducted): 19.00 / HSPF (Non-Ducted/Ducted): 9.0 / EER (Non-Ducted/Ducted): 12.50 / Heating COP (Non-Ducted/Ducted): 3.7 / Rated Heating Capacity (Btu/hr): 10,000 Max/Min Heating Capacity (Btu/hr): 13,000 / 4,400	Rated Cooling Capacity (Btu/hr):	9,000	Rated Cooling Conditions:	
Cooling Input Power (kW): 0.720 Rated Heating Conditions: Indoor (°F DB/WB): 70 / 70 Ambient (°F DB/WB): 47 / 43 SEER (Non-Ducted/Ducted): 19.00 / HSPF (Non-Ducted/Ducted): 9.0 / Heating COP (Non-Ducted/Ducted): 3.7 / Rated Heating Capacity (Btu/hr): 10,000 Max/Min Heating Capacity (Btu/hr): 13,000 / 4,400	Sensible Capacity (Btu/hr):	9,000	Rated Piping Length(ft):	25
SEER (Non-Ducted/Ducted): 19.00 / HSPF (Non-Ducted/Ducted): 9.0 / EER (Non-Ducted/Ducted): 12.50 / Heating COP (Non-Ducted/Ducted): 3.7 / Rated Heating Capacity (Btu/hr): 13,000 / 4,400	Max/Min Cooling Capacity (Btu/hr):	10,200 / 4,400	Rated Height Difference (ft):	49.00
EER (Non-Ducted/Ducted): 12.50 / Heating COP (Non-Ducted/Ducted): 3.7 / Rated Heating Capacity (Btu/hr): 10,000 Max/Min Heating Capacity (Btu/hr): 13,000 / 4,400	Cooling Input Power (kW):	0.720	Rated Heating Conditions:	
Rated Heating Capacity (Btu/hr): 10,000 Max/Min Heating Capacity (Btu/hr): 13,000 / 4,400	SEER (Non-Ducted/Ducted):	19.00 /	HSPF (Non-Ducted/Ducted):	9.0 /
Max/Min Heating Capacity (Btu/hr): 13,000 / 4,400	EER (Non-Ducted/Ducted):	12.50 /	Heating COP (Non-Ducted/Ducted):	3.7 /
	Rated Heating Capacity (Btu/hr):	10,000		
Heating Input Power (kW): 0.72	Max/Min Heating Capacity (Btu/hr):	13,000 / 4,400		
	Heating Input Power (kW):	0.72		

SYSTEM DETAILS			
Refrigerant Type:	R-410A	Cooling Operation Range (°F DB):	50 - 115
Holding Refrigerant Charge (lbs):	1.5	Heating Operation Range (°F WB):	5 - 75
Additional Charge (lb/ft):	0.01	Max. Pipe Length (Vertical) (ft):	
Pre-charge Piping (Length) (ft):	32	Cooling Range w/Baffle (°F DB):	0 - 115
Max. Pipe Length (Total) (ft):	66	Heating Range w/Baffle (°F WB):	-
Max Height Separation (Ind to Ind ft):	49		

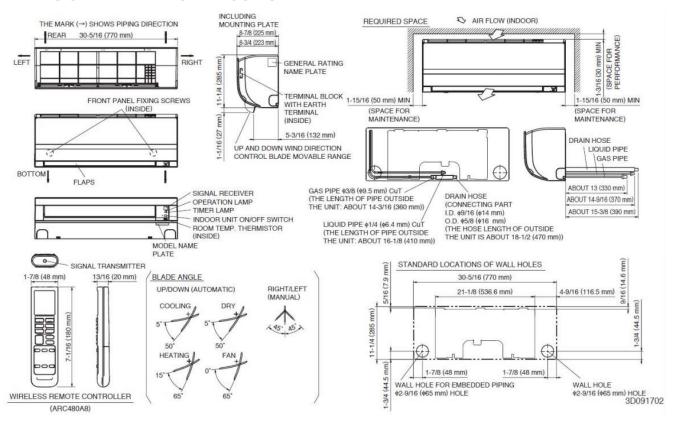


Submittal Data Sheet

0.75-Ton Wall Mounted Unit FTX09NMVJURX09NMVJU

INDOOR UNIT DETAILS					
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Airflow Rate (H/M/L/SL) (CFM):	417/297/244/141		
Power Supply Connections:	Power Supply Connections: Connects to outdoor unit		0.3		
Min. Circuit Amps MCA (A):	12.10	Gas Pipe Connection (inch):	3/8		
Max Overcurrent Protection (MOP) (A): 15.00		Liquid Pipe Connection (inch):	1/4		
Dimensions (HxWxD) (in):	11-1/4 x 30-3/8 x 8-3/4	Condensate Connection (inch):	5/8		
Panel (HxWxD) (in):		Sound Pressure (H/M/L/SL) (dBA):	43/36/30/19		
Net Weight (lb):	18	Sound Power Level (dBA):			
Panel Weight (lb):		Ext. Static Pressure (Rated/Max) (inWg):	1		

DIMENSIONAL DRAWING - INDOOR UNIT



Daikin North America LLC, 5151 San Felipe, Suite 500, Houston, TX, 77056

Daikin City Generated Submittal Data

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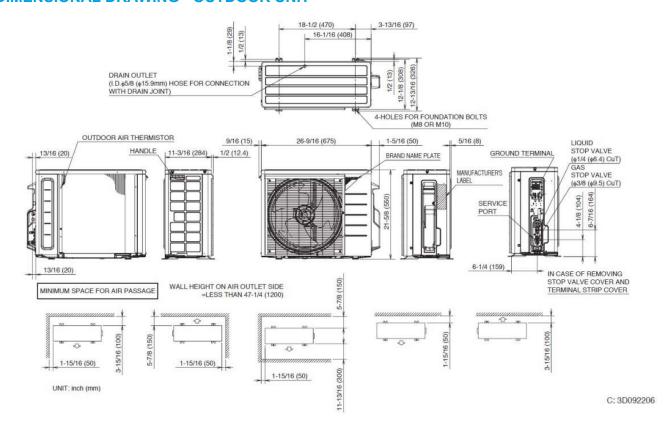


Submittal Data Sheet

0.75-Ton Wall Mounted Unit FTX09NMVJURX09NMVJU

OUTDOOR UNIT DETAILS			
Power Supply (V/Hz/Ph):	208-230 / 60 / 1	Compressor Type:	Inverter
Power Supply Connections:	L1, L2, Ground	Capacity Control Range (%):	-
Min. Circuit Amps MCA (A):	12.10	Airflow Rate (H) (CFM):	1,102
Max Overcurrent Protection (MOP) (A):	recurrent Protection (MOP) (A): 15.00		3/8
Max Starting Current MSC(A):		Liquid Pipe Connection (inch):	1/4
Rated Load Amps RLA(A):	8.5	Sound Pressure (H) (dBA):	46
Dimensions (HxWxD) (in):	21-5/8 x 26-9/16 x 11-3/16	Sound Power Level (dBA):	
Net Weight (lb):	55		

DIMENSIONAL DRAWING - OUTDOOR UNIT



Daikin North America LLC, 5151 San Felipe, Suite 500, Houston, TX, 77056

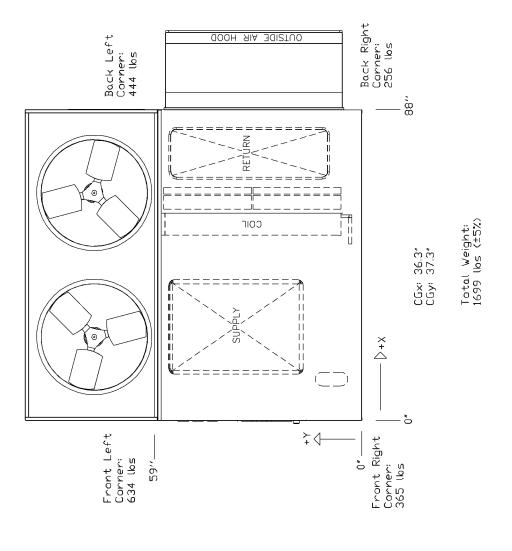
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AIR COOLED CONDENSING UNIT



RN-009-3-0-EA0A-3G9:M000-U00-DSE-AG0-0000004-00-0000000B



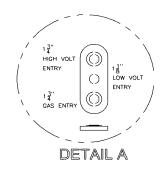
Disclaimer: This weight estimate does not account for any SPAs.

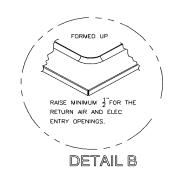
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RN SERIES B - CABINET STANDARD ~ 9-15 TON

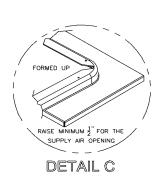
CLEARANCES							
LOCATION	• UNIT SIZE • 9 - 15 TON						
OUTSIDE AIR (BACK)	48						
CONTROLS SIDE (FRONT)	48						
LEFT SIDE	6						
RIGHT SIDE	48						
ТОР	UNOBSTRUCTED						

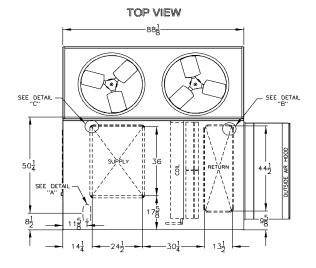


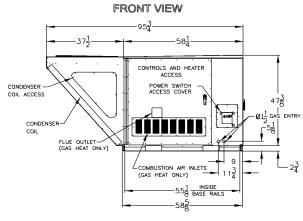


NUMBER OF CONDENSER FANS

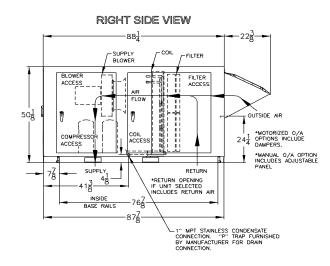
9 & 11 TON - 1 FAN 13 & 15 TON - 2 FANS







RNB-00001 REV:B 08/30/11 JRL NOTE: ALL DIMENSIONS ARE IN INCHES



Date Printed: 7/2/2014 8:16:32 AM

Date Created/Modified: 7/1/2014 10:02:44 AM Using Ver 4.218 (OSN# 5328576)



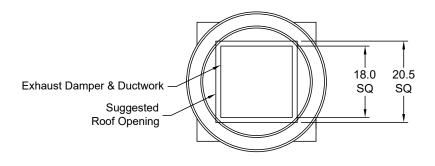
Job:

Printed Date: 7/2/2014

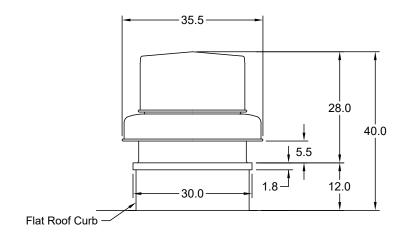
Mark: EF-9

Assembly Drawing

Type: Belt Drive Centrifugal Roof Exhaust Fan



TOP VIEW



FRONT VIEW

Notes: All dimensions shown are in units of in..



Job:

Printed Date: 7/2/2014

Mark: EF-10,X1,X2,X3

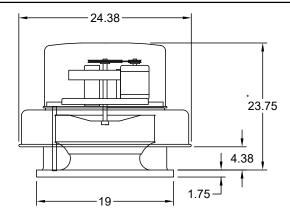
Model: GB-121-4

Belt Drive Centrifugal Roof Exhaust Fan

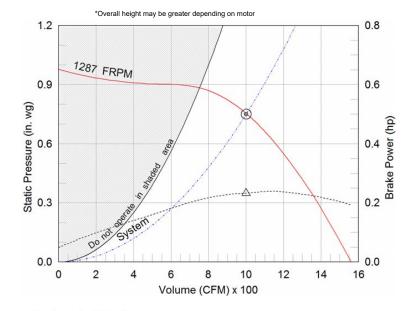
Dimensional									
Quantity	4								
Weight w/o Acc's (lb)	56								
Weight w/ Acc's (lb)	97								
Max T Motor Frame Size	56								
Optional Damper (in.)	12 x 12								
Roof Opening (in.)	14.5 x 14.5								

Performance								
Requested Volume (CFM)	1,000							
Actual Volume (CFM)	1,000							
External SP (in. wg)	0.75							
Total SP (in. wg)	0.75							
Fan RPM	1287							
Operating Power (hp)	0.23							
Elevation (ft)	108							
Airstream Temp.(F)	70							
Air Density (ft3)	0.075							
Drive Loss (%)	12.9							
Tip Speed (ft/min)	4,402							
Static Eff. (%)	58							

Motor	
Motor Mounted	Yes
Size (hp)	1/4
V/C/P	460/60/3
Enclosure	ODP
Motor RPM	1725
Windings	1
NEC FLA* (Amps)	1.1



Reference assembly view drawings for actual dimensions with mounted accessories



Operating Bhp point Operating point at Total SP Operating point at External SP Fan curve System curve Brake horsepower curve

Sound Power by Octave Band

Sound Data	62.5	125	250	500	1000	2000	4000	8000	LwA	dBA	Sones
Inlet	69	75	75	68	62	60	55	53	71	59	9.8

Notes:

All dimensions shown are in units of in..

*FLA - based on tables 150 or 148 of National Electrical
Code 2002. Actual motor FLA may vary, for sizing thermal
overload, consult factory.

LwA - A weighted sound power level, based on ANSI S1.4 EWA - A weighted sound pressure level, based on 11.5 dB attenuation per Octave band at 5 ft - dBA levels are not licensed by AMCA International Sones - calculated using AMCA 301 at 5 ft



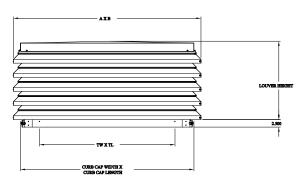
Page 41 of 64



Job:

Printed Date: 7/22/2014

Mark: LPH-1,-2,-3 Exhaust



WRH

Gravity Ventilator Application & Design

The flexible design of the WIH (Intake) and WRH (Exhaust) allows the four louvered sides and hood section(s) to be shipped preassembled. Each section is made of storm resistant aluminum louver blades with mitered corners and a reinforced, removeable cover. The sides are joined at the four corners with stainless steel screws in each louver. These screws are countersunk to maintain the appearance of the mitered corner. The cover is securely fastened to the unit with stainless steel fasterners. Optional factory assembled units are available based on shipping limitations. Greenheck's louvered penthouse design results in low pressure drops, low hood heights and maintains maximum weather resistance.

Construction Features

Penthouse Material: Aluminum Sizing: Actual Product Warranty: 1 Yr (Standard)

Damper Construction

Damper: VCD-23 Frame Type: Channel Blade Action: Parallel Actuator Type: 24 VAC Actuator Mounting: Internal

Roof Curb Construction

Roof Curb Model: GPI Roof Curb Material: Galvanized Roof Curb Height (in.): 12

Curb Damper Tray: Yes

Options and Accessories

Penthouse Finish Type: Mill Bird Screen Location: Internal Bird Screen Type: Flat Expanded Bird Screen Material: Aluminum Hood: Yes Hood Insul. Thick (in.): 0.5

Summary

10#	ID# Tag Qty.	Otr	Throat	Throat	Louver	Louvers	A (in)	D (in)	Curb Cap	Curb Cap	Free Area	Weight
I ID#		Width (in.)	Length (in.)	Height (in.)	High	A (in.)	n.) B (in.)	Width (in.)	Length (in.)	(ft2)	(lb)	
		3	24	24	23.5	6	38	38	32	32	7.61	91
2-1	-1 Damper Width (in.):		24.0	24.000 Dar		Damper Height (in.):		24.000				
	Actuator Model:			FSNF:	24	Actuat	or Quanti	ty:	1			

Larger openings may require field assembly of multiple louver panels to make up the overall opening size. Individual louver panels are designed to withstand windloads up to a maximum of 25 PSF (size and configuration dependent). Design, materials and installation of structural reinforcement required to adequately support large sections or multiple section assemblies within a large opening are not provided by Greenheck. Unless specifically indicated, the following are NOT included in the quote provided: structural steel, installation hardware (anchors, angle cilps, continuous angles, shims, fasteners, inserts, backer rod and sealant), field measuring and/or installation, miscellaneous flashing, trim or enclosures, blank off panels, mullion covers or mullion hardware, hinged frames or removable subframes, custom bird/insect screen, 3-coat, metallic and/or exotic paint finishes, bituminous paints for unlike metals, any applicable taxes, stamped and sealed structural calculations seismic calculations or job specific engineered submittal drawings.



The Dero Downtown Rack uses thick, square-tube construction that can't be cut with a pipe cutter. The extended width of the Dero Downtown Rack makes for easy bike parking by giving the bike full support and multiple locking points for a u-style bike lock. Break-a-way nuts or concrete spike anti-theft hardware options are included with the Dero Downtown Rack.



Your Logo Here!

We can include your organization's logo in the center of a specially designed Dero Downtown Rack. Contact us for more details on this unique option.



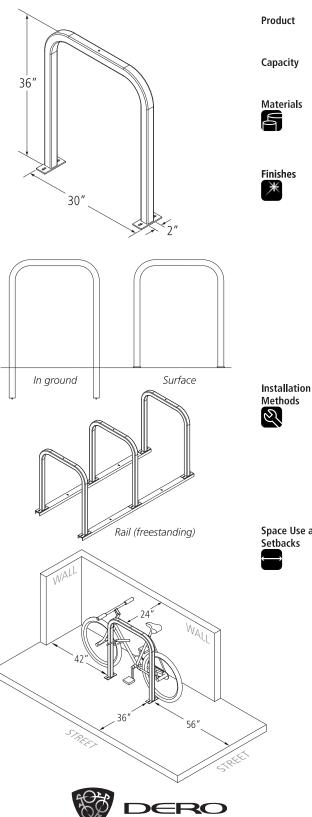






TOWNTOWN RACK

Specifications and Space Use



Dero Downtown Rack

As manufactured by Dero Bike Racks

2 Bikes

2" x 2" x 3/16" square tube - mild steel

2" x 2" x 11g square tube - stainless steel

An after fabrication hot dipped galvanized finish is our standard option. 250 TGIC powder coat colors, thermoplastic coating, PVC dip, and stainless steel finishes are also available as alternate options.

Our powder coat finish assures a high level of adhesion and durability by following these steps:

- 1. Sandblast
- 2. Epoxy primer electrostatically applied
- 3. Final thick TGIC polyester powder coat

Stainless Steel: 304 grade stainless steel material finished in either a high polished shine or a satin finish.

In ground mount is embedded into concrete base. Specify in ground mount for this option.

Foot Mount has two 2.5"x6"x.25" feet with two anchors per foot. Specify foot mount for this option.

Rail Mounted Downtown Racks are bolted to two parallel rails which can be left freestanding or anchored to the ground. Rails are heavy duty 3"x1.4"x3/16" thick galvanized mounting rails. Specify rail mount for this option.

Space Use and Setbacks

Wall Setbacks:

For racks set parallel to a wall: Minimum: 24"

Recommended: 36"

For racks set perpendicular to a wall:

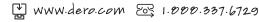
Minimum" 28' Recommended: 42"

Distance Between Racks:

Minimum: 24" Recommended: 36"

Street Setbacks:

Minimum: 24" Recommended: 36"









U-lock compatibility makes this rack great for property managers, commercial parking garages, and for home storage use. The Dero Ultra Space Saver Single Rack's compact design let's you convert otherwise unusable space to bike parking. Quick installation only requires four anchors drilled into the wall. Save room today with the Ultra Space Saver Single, or check out the whole modular Ultra Space Saver system if you need to park many bikes.



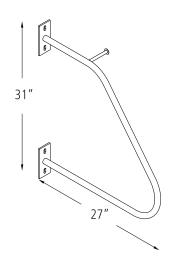






SPACE SAVER SINGLE

Specifications and Space Use



Product

Dero Ultra Space Saver Single As manufactured by Dero Bike Racks

Capacity

1 Bike

Materials F

Body is 1" OD 11 gauge tube with ½" steel round bar hanger. Mounting flanges are ¼" plate.

Finishes

Black powder coat Hanger arm is rubber coated

Installation Methods ह्य

Wall mount has two 2.5" x 6" foot plates set 25" apart (centerline to centerline) with 4 fasteners. Can be set into concrete block, solid concrete, bricks, wood studs and other base materials.

Space Use and Setbacks

Racks should be placed minumum 16" apart. When installing racks next to each other, their heights should be staggered by 10". See diagram for approximate space use when loaded and recommended setbacks.

