

Pekin Zoning Board of Appeals Meeting
111. S. Capitol Street
City Council Chambers 2nd Floor
August 10, 2022
5:00 PM

A regular Meeting of the Pekin Board of Appeals will be held at Pekin City Hall, 111 South Capitol Street, City of Pekin, Illinois, on the 10th day of August 2022, at 5:00 PM.

Pledge of Allegiance

- I. Roll Call
- II. Agenda Approval
- III. Minutes Approval from July 13, 2022
- IV. City Council Action Report
- V. Applications and Hearings
- VI. Informal
- VII. Public Input
- VIII. Adjourn

Case SU 2022-03 (Tabled During July Meeting)

A special use request submitted by Mitch O'Shaughnessy to utilize property located at 801 S. 2nd Street to display and sell used automobiles. Said property is zoned I-2 General Industrial District with a legal description of SEC 3 T24N R5W PT SW 1/4 & TRACT ADJ LOT 12 NE 1/4 .36 AC, with the following PIN: 04-10-03-212-002, in Tazewell County, Illinois.

Case V 2022-06

A variance request submitted by Shane Hawkins for properties located at 706 and 708 S. 7th Street to combine parcels and utilize the structure currently known as 706 S. 7th Street as an attached accessory structure to the principal residence for use as a private garage. Said properties are zoned R-4 One Family Residential and with a legal description of SEC 02 T24N R5W KINGS ADDN S37' OF N 194' W OF LOT 2 NW 1/4, with the following PINs: 04-10-02-123-009 and 04-10-02-123-010, in Tazewell County, Illinois.

CASE RZ 2022-04

A rezoning request submitted by Richard Curto for property located at lot 215 on Velde Drive to amend zoning to R-2 One Family Residential. Said property is currently zoned "Water or Rail-Roads" with a legal description of SEC 25 T25N R5W MARIGOLD EST PHASE 12 LOT 215 NW 1/4, with the following PIN: 04-04-25-104-056, in Tazewell County, Illinois.

Case SPR 2022-01

A site plan review request submitted by Jeff Hornecker to utilize property located at the southern corner of Velde Drive and N. Parkway Drive for multiple two-unit multifamily dwellings. Said property is zoned RM-1 Multiple Family Residential with a legal description of SEC 25 T25N R5W PT E 1/2 SE 1/4 OF NW 1/4, with the following PIN: 04-04-25-100-013, in Tazewell County, Illinois.

Case RZ 2022-05

A rezoning request by the City of Pekin for property located on 14th Street to amend zoning to OS-1 Office Service District. Said property is currently zoned R-4 One Family Residential with a legal description of Lots 1 through 5 of Firehouse Subdivision Final Plat, situated in the City of Pekin. This request includes the following PINs: 04-04-35-223-046, 04-04-35-223-047, 04-04-35-223-048, 04-04-35-223-049, and 04-04-35-223-050, in Tazewell County, Illinois.

Case RZ 2022-06

A special use request by Trajectory Energy Partners to utilize property located at 300 and 310 Hanna Drive to establish a commercial solar farm. Said property is currently zoned I-1 Light Industrial District with a legal description of SEC 10 T24N R5W RIVERWAY BUSINESS PARK 3RD ADD FINAL PLAT LOT 1 N 1/2 SE 1/4 15 AC, with the following PIN: 10-10-10-400-006, in Tazewell County, Illinois.

Other Items for Consideration and Recommendation

Short-Term Rentals Ordinance

Informal Discussion

Public Input

Adjourn

David Bess, Secretary, Pekin Board of Appeals

Pekin Zoning Board of Appeals
111 S. Capital Street
City Council Chambers 2nd Floor
July 13, 2022
5:00 PM

Present: Bill Craig, Kim Joesting, Mary Lanane, James Ruth, Steve Thompson, and Amy Wilson. Daryl Dagit arrived at 5:22pm.

The regular meeting of the Pekin Board of Appeals was called to order and quorum was declared. Staff present: David Bess (CDBG Program Manager), Matt Fick (Economic Development Director) and Katherine Swise (Legal Counsel). There were no members of the public present.

The meeting was called to order at 5:01pm. Motion by Commissioner Ruth to approve the July 13, 2022 agenda, second by Commissioner Wilson. Motion carried 6-0.

Motion by Commissioner Joesting to approve minutes for the June 8, 2022, second by Commissioner Ruth. Commissioner Wilson requested amendment of the minutes to reflect that her statement regarding issues on Red Bud Drive was instead that City staff should work with the Park District to resolve the issue discussed. Motion carried 6-0.

Case SU 2022-03

A special use request submitted by Mitch O'Shaughnessy to utilize property located at 801 S. 2nd Street to display and sell used automobiles. Said property is zoned I-2 General Industrial District with a legal description of SEC 3 T24N R5W PT SW 1/4 & TRACT ADJ LOT 12 NE 1/4 .36 AC, with the following PIN: 04-10-03-212-002, in Tazewell County, Illinois.

The public hearing was opened at 5:03pm. No comments were made from the public. The public hearing was closed at 5:04pm. Commissioner Thompson motioned to approve, second by Commissioner Ruth.

Commissioner Craig questions whether the special use request covered the other items in the plan other than the used car sales. Katherine Swise explained that principle uses would not need to come before the board but additional special uses would need to be reviewed and approved. David Bess summarized the potential additional uses that are being considered by the applicant.

Commissioner Wilson voiced concerns regarding the lack of detail in the submitted site plan noting that the plan did not show the number of cars to be placed for sale, the location of curb cuts, and that the plan was not to scale to ensure proper fit of the property. Discussion was held on the applicant's other properties and difficulties in following through with previous promises.

Commissioner Wilson motioned to table for additional site plan details including those previously discussed as well as access, traffic flow, car placement, etc. Second by Commissioner Thompson. Motion carried 7-0.

Informal Discussion

Matt Fick handed out a draft version of a proposed economic development strategy and provided a brief summary of the contents for consideration by the board. Commissioner Thompson discussed the need for specific niche districts as shown in the proposed plan. Commissioner Wilson suggested that the

proposed plan be compared to other successful communities such as Havana. Discussion was held on the concept of rehabilitating buildings owned by private individuals and companies as well as what funding sources are available to carry out economic development activities.

Commissioner Dagit voiced concerns with how money will be recouped and noted that he felt that TIF funds were often wasted. Commissioner Lanane discussed how the Chamber of Commerce and the City might cooperate to promote economic development and Commissioner Ruth noted that he does see the need for a defined economic development plan and observed that he does feel as though there is currently momentum for downtown development.

Public Input

No additional public input.

Meeting adjourned.



David Bess
111 S. Capitol Street
Community Development
Pekin, Illinois 61554
dhhbess@ci.pekin.il.us
(309) 478-5356

**Zoning Board of Appeals Review Sheet
August 10, 2022**

Case SU 2022-03 (Tabled During July Meeting)

A special use request submitted by Mitch O'Shaughnessy to utilize property located at 801 S. 2nd Street to display and sell used automobiles. Said property is zoned I-2 General Industrial District with a legal description of SEC 3 T24N R5W PT SW 1/4 & TRACT ADJ LOT 12 NE 1/4 .36 AC, with the following PIN: 04-10-03-212-002, in Tazewell County, Illinois.

SUMMARY

This property was previously utilized as a gas station and has been vacant for a significant period of time. The applicant is requesting a special use to initially establish a used car lot in the within the "new asphalt" area of the included site plan. The structures elements indicated in the "new asphalt" area of the plan are associated with a proposed ice machine kiosk but this location is currently estimated and is not considered final. Additionally, the applicant would also like to build a structure in the rear of the property for public mini-storage at a future date.

STAFF NOTES

The special use is being requested to utilize the I-2 property under the I-1 special use provisions at 4-3-6-6-3(4). In considering this special use request, staff recommends consideration be given to 4-3-6-6-3(6) as a use of similar character, particularly given nearby/adjacent properties of the same zoning undertake similar activities presently, despite new/used car sales not being specifically indicated for I-1/I-2 zoning districts. While the applicant has indicated additional structures/uses, both additional proposed uses are intended at some point in the future and placement has not been finalized per the applicant.

This item was tabled during the July meeting for additional information within the site plan and this item is being brought back for consideration with the per that request. However, as of the time of packet distribution, no updated site plan has been received from the applicant. Of note, staff confirmed applicant's intent to submit a new site plan by end of day on August 4th.



32646-000

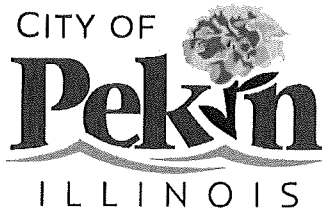
Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Board of Appeals Application for Consideration

Type of Request (check one): ☒ A. Special Use (\$85) ☐ B. Residential Variance (\$85) ☐ C. Non-Residential Variance (\$85) ☐ D. Map Amendment/Rezoning (\$75) ☐ E. Annexation (\$75)	Request Property Address or PIN: 801 S. 2ND Current Zoning (if known): I-1 Proposed Zoning (if rezoning request): Current Use: FORMER GAS STATION Proposed Use (if different): CAR LOT
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Property Owner Name:	MICHAEL R. OSHAVINSKY
Mailing Address:	1804 VICTORIA CT - PEKIN
Phone:	361-0619
Alternative Phone:	241-8019
E-Mail Address:	DEANXAPLEXANDAPUS@YAHOO

Applicant Name (if different):	
Mailing Address:	
Phone:	
Alternative Phone:	
E-Mail Address:	



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Please summarize your request and explain why it is necessary:

USED CAR LOT ON FRONT

RE MACHINE @ LATER DATE

STORAGE UNIT BUILDING @ LATER DATE

CERTIFICATION BY PROPERTY OWNER

I certify that I am the owner of the property, which is the subject of this request. I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief. If an applicant is signing below, that applicant has received my approval to proceed with this request.

Owner Signature

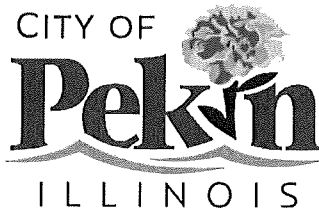
Date

CERTIFICATION BY THE APPLICANT (if different)

I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief.

Applicant Signature

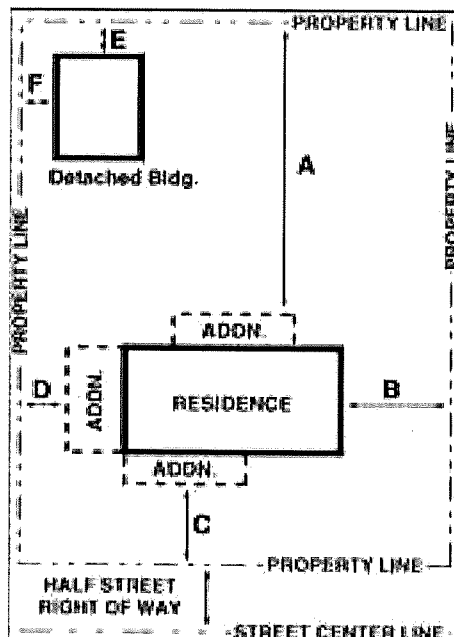
Date



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

The following attachments are required for consideration of your request:

- I. Site Plan:** An electronic copy (preferred) or two physical copies of a site plan for the proposal showing:
1. A scale of not less than one inch equals fifty feet (1" = 50') if the subject property is less than three (3) acres and one inch equals one hundred feet (1" = 100') if three (3) acres or more. Date, north point and scale.
 2. The dimensions of all lot and property lines, showing the relationship of the subject property to abutting properties. The location of all existing and proposed structures on the subject property and all structures within one hundred feet (100') of the subject property. The location of all existing and proposed drives and parking areas. The location and right-of-way widths of all abutting streets and alleys.
 3. Attachments such as landscape plan, photograph or renderings of existing and proposed site, building layouts or elevations, etc. are commended in order to provide accurate and sufficient information for review by the Development Review Committee and consideration by the Plan Commission.
 4. The names, addresses, and phone numbers of the architect, planner, designer, engineer or person responsible for the preparation of the site plan (commercial projects only).





Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

II. Payment: Payment of the amount indicated on the first page to accompany your application. If making payment via check, please make payment payable to the “City of Pekin”.

III. Variance: If requesting a variance, you must complete and attach this page to your application:

1. Variances are intended to relieve situations involving a hardship in meeting Zoning Code requirements. What is the hardship that this variance request is intended to relieve? Examples of hardships can include the topography of the lot, unique shape of the lot or other physical conditions that prevent the request from meeting the requirements of the Zoning Code.

2. Is the variance needed due to special and unique circumstances not caused by the applicant’s or owner’s own actions?

3. Should the request be approved, will the variance negatively impact adjoining properties in any way?

4. Will the variance be consistent with the purpose and intent of the Zoning Code and not alter the essential character of the locality?

5. Does the benefit(s) of granting the variance outweighs any anticipated negative impacts to the surrounding properties (if any)?

FOR DREAMSCAPES COMPANIES

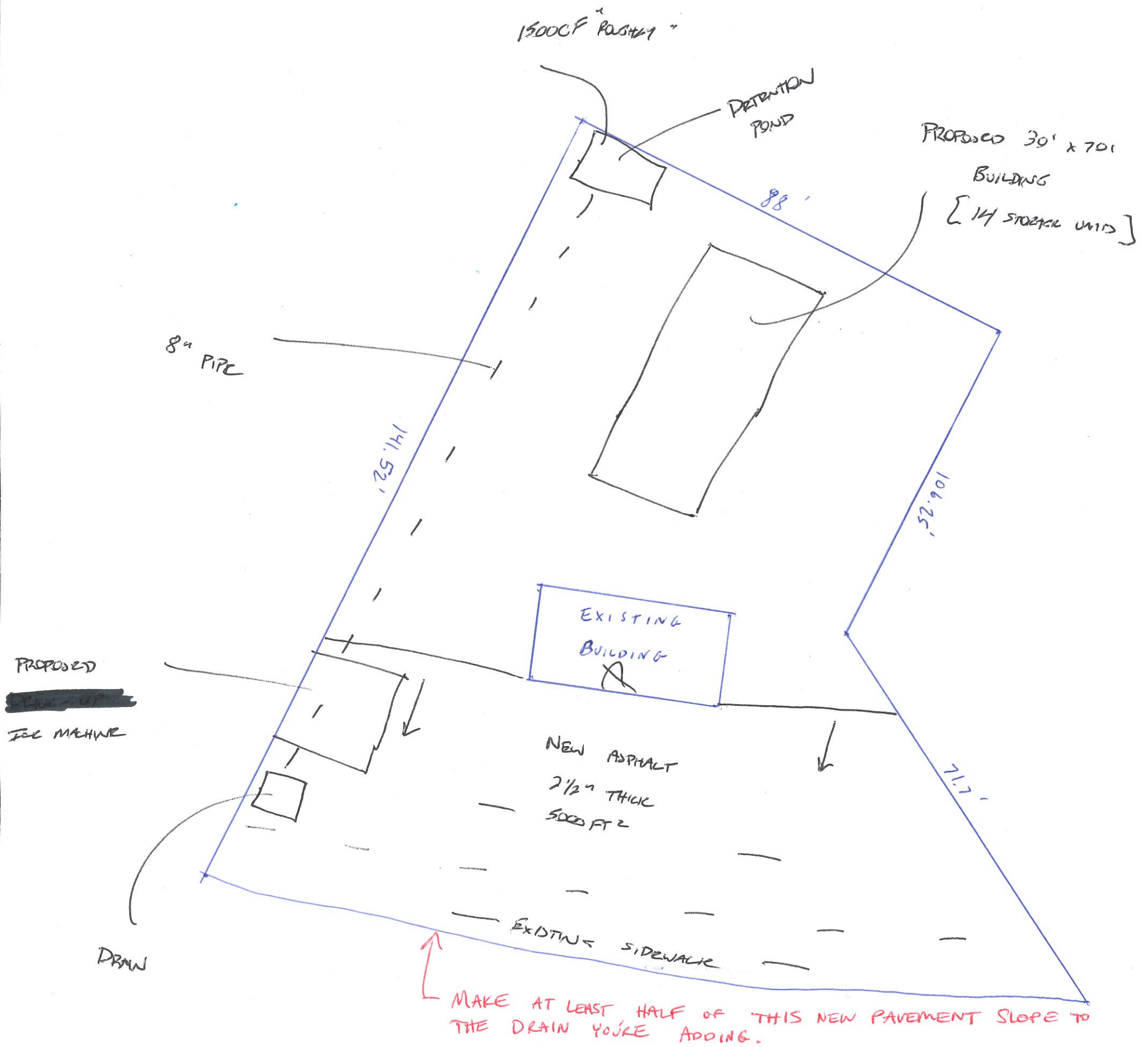
MITCH OSTAUGHNEY

267-0619

801 SOUTH 2ND

PERKIN IL

61551



1L-29 RIGHT OF WAY

Sanitary Sewer Required for Ice machine
Water Required for Ice machine
Backflow Required on Water service

APPROVED AS CORRECTED
for 6/16/22



David Bess
111 S. Capitol Street
Community Development
Pekin, Illinois 61554
dhbess@ci.pekin.il.us
(309) 478-5356

Zoning Board of Appeals Review Sheet

August 10, 2022

Case V 2022-06

A variance request submitted by Shane Hawkins for properties located at 706 and 708 S. 7th Street to combine parcels and utilize the structure currently known as 706 S. 7th Street as an attached accessory structure to the principal residence for use as a private garage. Said properties are zoned R-4 One Family Residential and with a legal description of SEC 02 T24N R5W KINGS ADDN S37' OF N 194' W OF LOT 2 NW 1/4, with the following PINs: 04-10-02-123-009 and 04-10-02-123-010, in Tazewell County, Illinois.

SUMMARY

For this project to move forward, the Board would need to approve several variances as well as approval of an accessory building being utilized for purposes beyond automobile storage as described in the City Code at 4-3-8-3(8). It should be noted that City Code reference 4-3-8-3(1) states that although the applicant intends to connect the two structures to form an attached garage, accessory uses and buildings provisions in 4-3-8-3 still apply despite such attachment. The following variances/approvals have been identified as necessary to facilitate this transaction once the parcels have been combined as planned by the applicant:

- Staff is of the understanding that the accessory building (706) will be used for storage of automobiles as well as additional second-story living space. Based on this, Board approval is broadly required for use per 4-3-8-3(9).
- The accessory building will exceed the accessory building ground floor threshold of 500 square feet (or 75% of the ground floor area of the main building) stipulated by Section 4-3-8-3(3). Staff estimate ground floor space of approximately 900 square feet.
- Fire/Safety Code requires 10 feet between structures. The applicant's property being converted at 706 and the neighbor's structure at 704 have 9 feet of separation and is currently considered legal non-conforming. As this project expands the footprint of the involved parcels, a variance will be required for this requirement.
- Proposed site plan indicates a driveway egress width of 30 feet which exceeds the allowable driveway width of 24 feet for the combined parcels. The combined frontage would be approximately 87 feet and Code allows for a maximum of 24 feet for parcels with 90 feet or less of frontage in 4-3-9-1(2)(c)(3).

STAFF NOTES

In addition to the variances above, the Board may wish to address the combination of parcels and the flow of the project insofar as whether the parcels should be combined prior to construction to convert the future accessory building at 706 into a garage and whether the applicant may start that process prior to combining the parcels. Should the applicant convert the structure into a garage prior to combination, the parcel could then be considered in violation of 4-3-9-1(2)(c) since the status as a garage creates an off-street parking structure without a principal structure on the parcel which is precluded in the aforementioned reference.



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Board of Appeals Application for Consideration

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Property Owner Name:	<u>Shane A. Hawkins</u>
Mailing Address:	<u>708 S. 7th St. Pekin Ill. 61554</u>
Phone:	<u>(309) 613-6275</u>
Alternative Phone:	<u>(309) 241-0202</u>
E-Mail Address:	<u>pastor_shane_hawkins@yahoo.com</u>

Applicant Name (if different):	
Mailing Address:	
Phone:	
Alternative Phone:	
E-Mail Address:	



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Please summarize your request and explain why it is necessary:

Request to combine the 708 and 706 lots into one lot. With the intention to transform the current house on 706 S. 7th St. into a garage attached to the house on 708 S. 7th St. The two structures will be connected with a room addition.

CERTIFICATION BY PROPERTY OWNER

I certify that I am the owner of the property, which is the subject of this request. I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief. If an applicant is signing below, that applicant has received my approval to proceed with this request.

Shane A. Hawkins

7/7/22

Owner Signature

Date

CERTIFICATION BY THE APPLICANT (if different)

I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief.

Applicant Signature

Date



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

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Request to combine the 708 and 706 lots into one lot. With the intention to transform the current house on 706 S. 7th St. into a garage attached to the house on 708 S. 7th St. with a room addition connecting the two structures.

2. Is the variance needed due to special and unique circumstances not caused by the applicant's or owner's own actions?

No

3. Should the request be approved, will the variance negatively impact adjoining properties in any way?

No

4. Will the variance be consistent with the purpose and intent of the Zoning Code and not alter the essential character of the locality?

Will not alter

5. Does the benefit(s) of granting the variance outweighs any anticipated negative impacts to the surrounding properties (if any)?

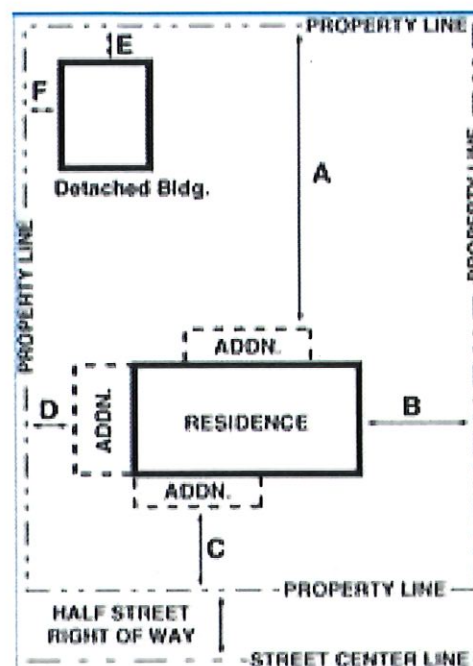
We do not see any anticipated negative impacts to surrounding properties



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111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

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 3. Attachments such as landscape plan, photograph or renderings of existing and proposed site, building layouts or elevations, etc. are commended in order to provide accurate and sufficient information for review by the Development Review Committee and consideration by the Plan Commission.
 4. The names, addresses, and phone numbers of the architect, planner, designer, engineer or person responsible for the preparation of the site plan (commercial projects only).



706. S. 7th St, = Garage Transformation

Target:

To combine property of 706 S. 7th St, and 708 S. 7th St. to become a single lot. With the intention of transforming the current house on 706 S. 7th St. into a garage attached to the house on 708 S. 7th St. with a room addition connecting the two structures.

Purpose:

Property on 708 S. 7th St. has a small single car garage on the lot with no room for expansion for a larger garage. Homeowner purchased 706 S. 7th St. property in 2019 when it went on the market as a HUD house, with the intent to tear it down and build a garage on the lot. After further investigation we found out the we couldn't have a secondary building on the property without a primary building. Then Covid hit and material prices have more than doubled. We began the vision for this new plan. We are presenting today to transform the house into a 2 stall garage that will be attached to the 708 S. 7th St. home with a room addition between the two. The utilities to the 706 S. 7th St. have been turned off since the purchase of it in 2019 and the house is currently being used for storage only.

Plan of Action:

Phase 1

1. Remove existing driveway between structures
2. Dig and pour footing for room addition
3. Pour 4" concrete floor
4. Remove siding from side of house and garage structure
5. Frame walls/roof joist
6. Lay rubber roof
7. Skin exterior of room
8. Run 12-2 wire to room from breaker panel in 708 property
9. Lights/Outlets
10. Skin interior of room
11. Paint/siding
12. Flooring

Possible variance questions and needs:

- 9ft. between current structure of 706 S. 7th St. and neighbor's house at 704 S. 7th St.
- 708 and 706 buildings are front face parallel with each other from street.
- 708 property line width= 50'
- 706 property line width= 37'
- Both the 708 house and 706 house proposed garage are approx. 24' tall.
- Driveway addition 24'x47'x4" thick=approx. 15 yards concrete.
- Approach addition 10'x5'.6" thick= approx. 1.5 yards concrete.

Phase 2

1. Measure and find center for LVL beam and pole jack
2. Auger and set posts on exterior walls
3. Set rebar, 18" diameter sonotube, pour 4000psi concrete to fill sonotube foundation for jack post.
4. Set jack post and 3-LVL beams 34 ft long x14" tall. As instructed by structural engineer.
5. Remove previous load bearing walls.
6. Cut and insert spacers between floor joist along all outside exterior walls for additional structural support.
7. Frame in existing porch walls and extended roof awning
8. Cut out 2 garage doors and 2 walk in doors and frame them in.
9. Remove subfloor and floor joist.
10. Fill in basement with pea gravel 100% compaction 4" sand lift.
11. Concrete floor
12. Install 2 garage doors/openers, hang 2 walk in doors.
13. Pour concrete driveway
14. Paint exterior siding of both house and garage to match
15. Remove existing single car garage.

Conclusion:

We have lived in our home at 708 S. 7th St. for 26 years and love our neighborhood. We believe by combining these lots it will enable a way to have the home on 708 S. 7th St. as a primary structure and the connected garage as the secondary structure, transforming the property with a new facelift. The transformation will not only be a more functional use of the property, but will also beautify the lot with a great curb appeal.

Shane and Amy Hawkins
708 S. 7th St.
Pekin, Ill. 61554
309-613-6275 Cell
Pastor_shane_hawkins@yahoo.com

Google Maps



Map data ©2022, Map data ©2022 20 ft

-  - addition
-  - removal of existing garage and back porch
-  - addition of concrete driveway

37'

50'

704

706

708

19'-1

17'6"

19'-1

24'

17'6"

30'

20'

47'

706 = 37'
708 = 50'
- property lines

- Driveway addition

- EXISTING Driveway

25'

10'

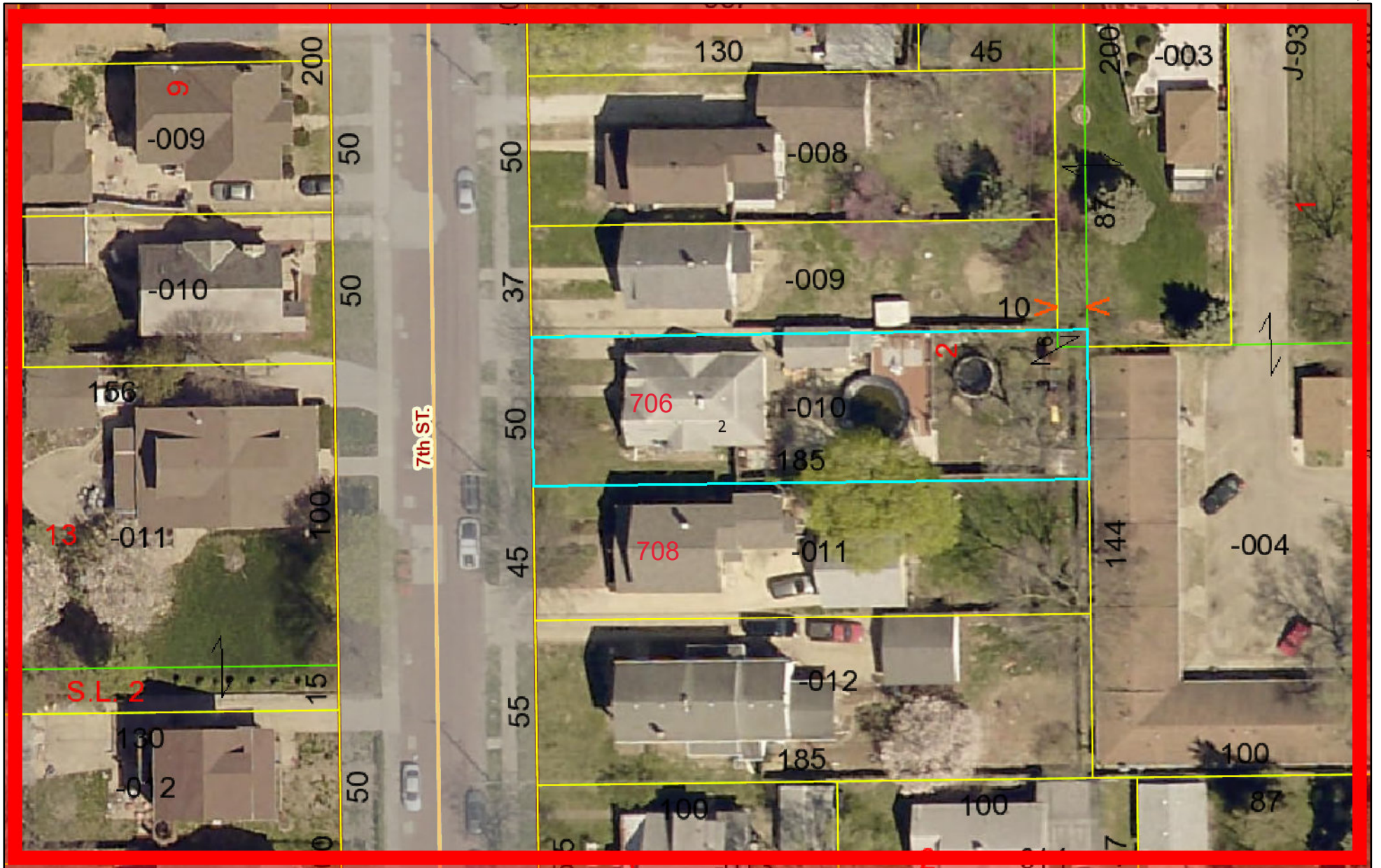
20'

APPROACH

15'-0"

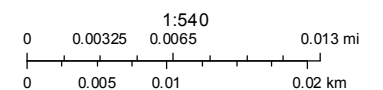


Tazewell County GIS



- | | | | | | |
|--|-------|--|--------|--|---------|
| | I-155 | | IL 29 | | US 24 |
| | I-474 | | IL 98 | | Streets |
| | I-74 | | US 150 | | |

Tazewell County GIS parcel and map records contained herein are for property tax purposes only. This information has been compiled from the most accurate source data from the public records of Tazewell County. This information must be accepted and used with the understanding that the data was collected primarily for the use and purpose of creating a Property Tax Roll per Illinois Statute. The information contained herein is for reference purposes only, and should not be relied upon as a substitute for a title search. Any reliance on the information contained herein is at the user's own risk. The Tazewell County GIS assumes no responsibility for any use of the information contained herein or any loss resulting therefrom. Users of Tazewell County GIS site assume all risk and liability when accessing any third-party site linked to this site. All data is subject to change.



current
curb appeal



Future curb appeal





Joint Evaluation Report

ESR-1210

Reissued September 2020

Revised December 2020

This report is subject to renewal September 2022.

www.icc-es.org | (800) 423-6587 | (562) 699-0543

A Subsidiary of the International Code Council®

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

Section: 06 17 13—Laminated Veneer Lumber

REPORT HOLDER:

ROSEBURG FOREST PRODUCTS CO.

EVALUATION SUBJECT:

RIGIDLAM® LAMINATED VENEER LUMBER (LVL) AND RIGIDRIM® LVL RIMBOARD

ADDITIONAL LISTEE:

BlueLinX CORPORATION

1.0 EVALUATION SCOPE

1.1 Compliance with the following codes:

- 2018, 2015, 2012, 2009 and 2006 *International Building Code®* (IBC)
- 2018, 2015, 2012, 2009 and 2006 *International Residential Code®* (IRC)

For evaluation for compliance with codes adopted by the California Office of Statewide Health Planning and Development (OSHPD) and Division of the State Architect (DSA), see [ESR-1210 CBC and CRC Supplement](#).

For evaluation for compliance with codes adopted by the Los Angeles Department of Building and Safety (LADBS), see [ESR-1210 LABC and LARC Supplement](#).

Property evaluated:

Structural

1.2 Evaluation to the following green code(s) and/or standards:

- 2019 California Green Building Standards Code (CALGreen), Title 24, Part 11
- 2015, 2012 and 2008 ICC 700 *National Green Building Standard™* (ICC 700-2015, ICC 700-2012 and ICC 700-2008)

2.0 USES

RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard are laminated veneer lumber (LVL) products used as alternatives to solid sawn lumber. RIGIDLAM® LVL is intended for structural applications such as beams, headers, joists, rafters, columns and wall studs. RIGIDRIM® LVL Rimboard is used in rim board applications.

3.0 DESCRIPTION

RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard are laminated veneer lumber (LVL) complying with ASTM D5456 and are primarily composed of either Douglas-fir veneers or southern pine veneers. The veneers are laminated together using an exterior-type structural adhesive that complies with ASTM D2559. All veneers are oriented with the wood grain parallel to the length of the member. The wood species, properties, adhesives, manufacturing parameters and finished product tolerances are as specified in the manufacturer's approved quality control manual. RIGIDLAM® LVL is available in various grades as indicated in Table 1, thicknesses up to 7 inches (178 mm), depths up to 48 inches (1220 mm) and lengths up to 66 feet (20.13 m). RIGIDRIM® LVL Rimboard is available in the grade indicated in Table 1, 1½-inch (38 mm) to 3½-inch (89 mm) thickness, depths up to 16 inches (406 mm), and lengths up to 66 feet (20.13 m).

The attributes of the LVL products have been verified as conforming to the provisions of (i) CALGreen Sections A4.404.3 for efficient framing techniques; (ii) ICC 700-2015 and ICC 700-2012 Section 608.1(2), 11.608.1(2) and 12(A).608.1 for resource-efficient materials; and (iii) ICC 700-2008 Section 607.1(2) for resource-efficient materials. Note that decisions on compliance for those areas rest with the user of this report. The user is advised of the project-specific provisions that may be contingent upon meeting specific conditions, and the verification of those conditions is outside the scope of this report. These codes or standards often provide supplemental information as guidance.

4.0 DESIGN AND INSTALLATION

4.1 Installation:

Installation of RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard must comply with this report and with the manufacturer's published installation instructions. The manufacturer's published installation instructions must be available at the jobsite at all times during installation.

The RIGIDRIM® LVL Rimboard, when installed as a continuously supported structural element located at the joist elevation in an end bearing wall or parallel to the joist framing, and is the full depth of the joist framing, may be used for any combination of the following:

- To transfer, from above to below, all vertical loads at the rim board location.
- To provide diaphragm attachment (sheathing to top edge of rim board).
- To transfer in-plane lateral loads from the diaphragm to the wall plate below.

- To provide lateral support to the joist or rafter (resistance against rotation) through attachment to the joist or rafter.
- To provide closure for ends of joists or rafters.
- To provide an attachment base for siding and/or exterior deck ledger.

RIGIDRIM® LVL Rimboard may also be used to span over openings, utilizing the design properties of Table 1.

4.2 Design and Allowable Stresses:

4.2.1 General: Reference design values for loads of normal duration in covered, dry conditions of use are given in Table 1 of this report. The design provisions in the American Wood Council (AWC) National Design Specification for Wood Construction (NDS), as indicated in the applicable code, are applicable to RIGIDLAM® LVL, except as noted otherwise in this report. Design values for RIGIDRIM® LVL Rimboard for rim board applications are given in Table 4.

Except as noted otherwise in this report, reference design values given in Table 1 must be adjusted by applicable adjustment factors in accordance with the NDS. Where members qualify as repetitive members, as defined by the NDS, the repetitive member factor must be taken as $C_r = 1.04$.

4.2.2 Connections: Nails installed parallel to the gluelines on the narrow face of material must be spaced in accordance with Table 2 of this report. Reference lateral and withdrawal design values for nails installed perpendicular or parallel to the wide face of the LVL are as specified in the NDS for lumber having a specific gravity as indicated in Table 3 of this report.

Reference lateral design values for connections with bolts installed perpendicular to the wide face of the LVL are as specified in the NDS for lumber having a specific gravity as indicated in Table 3 of this report.

Reference design values for nailed and bolted connections must be adjusted by applicable adjustment factors in accordance with the NDS, except as otherwise noted in this report.

Connections, other than nailed and bolted connections described herein, are outside the scope of this report.

Exception: Lag screw connections between RIGIDRIM® LVL Rimboard and deck ledgers have an allowable lateral load of 400 pounds (1.78 kN) per lag screw, under the following conditions:

- a. Lag screws must have a minimum nominal diameter of $\frac{1}{2}$ inch (12.7 mm), and sufficient length such that the lag screw penetrates through the rim board (not including the length of the tapered tip).
- b. Deck ledgers must consist of minimum nominally 2-by-6 lumber having a minimum assigned specific gravity of 0.42.
- c. Sheathing between the rim board and the deck ledger must consist of wood structural panels meeting PS-1 or PS-2 and be attached to the rim board in accordance with the applicable code.
- d. One flat washer must be used between the deck ledger and the lag screw head.
- e. Edge distances from the center of the lag screw to the edges of the rim board and deck ledger must be 2 inches (51 mm) or greater. End distances must be 4 inches (102 mm) or greater.
- f. Adjustment factors in accordance with the NDS must be applied as applicable.

- g. Rim board and deck ledgers must be checked for load carrying capacity at connections in accordance with Section 11.1.2 of the 2018 and 2015 NDS (10.1.2 of the 2012 NDS).

Toe nailed connections of rim boards are not limited by the 150 plf (2189 N/m) lateral load capacity noted for Seismic Design Categories D, E, and F in Section 4.1.7 of the ANSI/AWC Special Design Provisions for Wind and Seismic and Section 2305.1.4 of the 2006 IBC. See Table 4 for RIGIDRIM® LVL Rimboard allowable design properties.

4.2.3 Wall Stud Applications: RIGIDLAM® LVL of grades 1.6E (true) through 2.1E (true) may be used as alternatives to sawn lumber wall studs in accordance with the prescriptive requirements of the applicable code, subject to the following conditions:

1. The minimum thickness of the LVL must be $1\frac{1}{2}$ inches.
2. Cutting, notching and boring of RIGIDLAM® LVL studs is permitted in accordance with Sections 2308.5.9 and 2308.5.10 of the 2018 and 2015 IBC, 2308.9.10 and 2308.9.11 of the 2012, 2009, and 2006 IBC and Section R602.6 of the IRC.
3. RIGIDLAM® LVL wall studs must be installed in accordance with the following nailing requirements:
 - a. The maximum allowable nail size for sheathing attachment to RIGIDLAM® LVL studs is 10d common [3 inches long by 0.148 inches diameter (76 mm by 3.76 mm)].
 - b. For sheathing attached with nails spaced no closer than 6 inches (152 mm) on center, a single RIGIDLAM® LVL stud may be used for framing at adjoining panel edges. Panel edge nails must be installed with a minimum $\frac{3}{8}$ -inch (9.5 mm) edge distance from the panel edges (see Detail A in Figure 1).
 - c. For sheathing attached with nails spaced closer than 6 inches (152 mm) on center, a double LVL stud is required at adjoining panel edges, and compliance with the following is required (see Detail B in Figure 1):
 - i. Double RIGIDLAM® LVL studs must be stitch-nailed together with nails of the same size and spacing as the nailing required to attach the sheathing to the framing at the panel edges, provided a minimum nail penetration of 6 times the nail diameter is achieved in accordance with Section 12.1.6.4 of the 2018 NDS, Section 12.1.6.5 of the 2015 NDS (11.1.6.5 of the 2012 and 2009 NDS and 11.1.5.5 of the 2005 NDS).
 - ii. Panel-edge nails must be installed with a minimum $\frac{3}{8}$ -inch (9.5 mm) and maximum 1-inch (25.4 mm) edge distance from the panel edges, and must be staggered a minimum of $\frac{1}{4}$ -inch (6.4 mm) horizontally within each line of nails.
 - iii. The minimum allowable spacing for nails smaller than or equal to 8d common [2.5 inches long by 0.131 inches diameter (64 mm by 3.33 mm)] is 3 inches (76 mm) on center. The minimum allowable spacing for nails larger than 8d common is 4 inches (102 mm) on center.
4. The allowable shear values for nailed wood structural panel shear walls utilizing RIGIDLAM® LVL framing are

to be determined in accordance with Table 4.3A of the SDPWS, Table 2306.3 of the 2009 IBC or Table 2306.4.1 of the 2006 IBC, based on the values given for shear walls with framing of Douglas fir-Larch.

5. RIGIDLAM® LVL wall studs are permitted to be used in fire-resistance-rated construction and are considered to be a direct replacement for solid-sawn lumber, having the same dimensions in any fire-resistance-rated wall assembly listed in Table 721.1(2) of the 2018, 2015 and 2012 IBC, and Table 720.1(2) of the 2009, and 2006 IBC. Minimum 2.5 pcf mineral wool insulation must be placed in the stud cavity.
6. Engineered design of RIGIDLAM® LVL studs is outside the scope of this evaluation report.

4.2.4 Fire-Blocking: RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard, with a minimum thickness of 1½ inches, may be used as fire blocking in lieu of the materials listed in Section 718.2.1 of the 2018, 2015, and 2012 IBC, Section 717.2.1 of the 2009 and 2006 IBC, Section R302.11.1 of the 2018, 2015, 2012 and 2009 IRC or Section R602.8.1 of the 2006 IRC, as applicable.

4.2.5 Calculated Fire Resistance: For applications under the 2018, 2015, 2012, and 2009 IBC, the fire resistance of exposed RIGIDLAM® LVL and RIGIDRIM® LVL members may be calculated in accordance with Chapter 16 of the National Design Specification (NDS). RIGIDLAM® LVL of equivalent sizes to that of sawn lumber may be substituted for sawn lumber in fire-resistance-rated floor and roof assemblies, as specified in Table 721.1(3) of the 2018, 2015 and 2012 IBC.

5.0 CONDITIONS OF USE

The RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard described in this report comply with those codes specifically listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 Installation complies with this report, the manufacturer's published installation instructions, and the applicable code. In the event of a conflict, this report governs.
- 5.2 Design values must not exceed those set forth in Table 1 of this report except for adjustments with the applicable adjustment factors as specified by the NDS. Where members qualify as repetitive members, as defined by the NDS, an additional increase of 4 percent is permitted for the allowable flexural stress.
- 5.3 Service conditions for RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard must be covered, dry conditions of use. Dry conditions of use are those under which the moisture content in service is less than 16 percent.
- 5.4 RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard having fire-retardant or preservative chemical treatments are outside the scope of this report.
- 5.5 Connection design must comply with Section 4.2.2 of this report.
- 5.6 Minimum bearing length and anchorage of RIGIDLAM® LVL must be as specified in the applicable code, as indicated in this report, for solid sawn lumber.
- 5.7 Design calculations and details for specific applications, demonstrating that RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard products comply with this report, must be submitted to the code official. The design calculations and details for specific

applications must be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed.

- 5.8 Except for cutting to final length for installation and when used as wall studs in accordance with Section 4.2.3, cutting and notching of RIGIDLAM® LVL is outside the scope of this report.
- 5.9 RIGIDLAM® LVL products are manufactured at Roseburg Forest Products Co.'s facilities located in Riddle, Oregon and Chester, South Carolina. LVL products manufactured in Riddle, Oregon are primarily composed of Douglas-fir veneers and LVL products produced in Chester, South Carolina are primarily composed of southern pine veneers. LVL manufacturing at both locations is under a quality control program by ICC-ES with inspections by ICC-ES and APA—The Engineered Wood Association (AA-649).
- 5.10 RIGIDRIM® LVL Rimboard products are manufactured at Roseburg Forest Products Co. facility located in Riddle, Oregon; under a quality control program by ICC-ES with inspections by ICC-ES and APA—The Engineered Wood Association (AA-649).

6.0 EVIDENCE SUBMITTED

- 6.1 Data in accordance with the ICC-ES Acceptance Criteria for Structural Wood-based Products (AC47), dated June 2017 (Editorially revised March 2018).
- 6.2 Data in accordance with the ICC-ES Acceptance Criteria for Rim Board Products (AC124), dated June 2019 (Editorially revised February 2020).
- 6.3 Data in accordance with the ICC-ES Acceptance Criteria for Wood-based Studs (AC202), dated June 2009 (Editorially revised March 2018).
- 6.4 Engineering analysis comparing the report subjects to the subjects of compressive testing completed on 1.5E LVL, signed and sealed by a registered design professional.
- 6.5 Engineering analysis to support changes in nail withdrawal specific gravities, signed and sealed by a registered design professional.

7.0 IDENTIFICATION

- 7.1 The RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard described in this report are identified by a stamp bearing the manufacturer's name (Roseburg Forest Products or the name of the additional listee noted at the beginning of this report), the product type, grade designation, the mill number (1055 for Riddle, Oregon and 1125 for Chester, South Carolina), and the evaluation report number (ESR-1210). In addition, RIGIDRIM® LVL Rimboard is marked with the product thickness.
- 7.2 The report holder's contact information is the following:
ROSEBURG FOREST PRODUCTS CO.
3660 GATEWAY STREET
SPRINGFIELD, OREGON 97477
(800) 245-1115
www.roseburg.com
- 7.3 The additional listee's contact information is the following:
BlueLinx CORPORATION
1950 SPECTRUM CIRCLE
MARIETTA, GEORGIA 30067

TABLE 1—RIGIDLAM® LVL AND RIGIDRIM® LVL RIMBOARD DESIGN STRESSES^{1,2}

TRUE E		APPARENT E		FLEXURAL STRESS F _b (psi) ⁵		TENSION PARALLEL TO GRAIN F _t (psi) ⁸	COMP. PARALLEL TO GRAIN F _c (psi)	COMPRESSION PERPENDICULAR TO GRAIN F _{cL} (psi)		HORIZONTAL SHEAR F _v (psi)	
Product Grade	E _{true} (10 ⁶ psi) ³	Product Grade	E _{apparent} (10 ⁶ psi) ⁴	Beam ⁶	Plank ⁷			Beam	Plank ⁹	Beam	Plank
1.4E ¹⁰	1.4	1.3E ¹⁰	1.3	2,250	2,250	1,500	1,950	560	650	200	130
1.6E	1.6	1.5E	1.5	2,250	2,250	1,500	1,950	575	650	220	130
1.9E ¹⁰	1.9	1.8E	1.8	2,600	2,600	1,700	2,400	700	650	285	130
2.1E	2.1	2.0E	2.0	3,100	3,100	2,100	3,000	750	650	290	130
2.3E ¹⁰	2.3	2.2E ¹⁰	2.2	3,100	3,100	2,100	3,000	750	650	290	130
2.4E ¹⁰	2.4	—	—	3,400	3,400	2,425	3,200	850	650	325	130

For SI: 1 inch = 25.4 mm, 1 foot = 304.8 mm, 1 lbf = 4.448 N, 1 psi = 6.9 kPa

- Design values provided in this table are based on covered, dry conditions of use. Dry conditions of use are those conditions represented by solid sawn lumber in which the moisture content is less than 16 percent. All values, except for E and F_{cL}, are permitted to be adjusted for other load durations as permitted by the applicable code.
- Beam (edgewise) = load parallel to glue-line; plank (flatwise) = load perpendicular to glue-line.
- The tabulated MOE values are the shear-free modulus of elasticity (E_{true}). When calculating deflection using E_{true}, both bending and shear deflections must be included. The deflection equation for a simple-span beam under uniform load is:

$$\delta = \frac{270 WL^4}{E_{true}bh^3} + \frac{28.8WL^2}{E_{true}bh}$$

where: δ = Estimated total deflection, inches
 L = span, feet
 b = beam width, inches
 W = uniform load, plf
 E_{true} = tabulated true (shear-free) modulus of elasticity, psi
 h = beam depth, inches

- The tabulated MOE values are the apparent modulus of elasticity (E_{apparent}) and include the effects of shear deflection. When calculating deflection using E_{apparent} values, the deflection equation for a simple-span beam under uniform load is:

$$\delta = \frac{270 WL^4}{E_{apparent}bh^3}$$

where: δ = Estimated total deflection, inches
 L = span, feet
 b = beam width, inches
 W = uniform load, plf
 E_{apparent} = tabulated apparent modulus of elasticity, psi
 h = beam depth, inches

- The tabulated F_b values are permitted to be increased by 4 percent for repetitive members as provided in the code.
- The tabulated values are based on a reference depth of 12 inches. For other depths, when loaded edgewise, the allowable bending stress (F_b) shall be modified by a depth factor, K_d = (12/d)^(1/8) for DF LVL or K_d = (12/d)^(1/5) for SP LVL, where d is the LVL depth in inches. For depths less than 3-1/2 inches, multiply the tabulated value by 1.17 for DF LVL or 1.28 for SP LVL. The depth factor is cumulative with other adjustment factors including duration of load and repetitive member factors.
- The tabulated values are based on a reference LVL thickness of 1 3/4 inches. For other thicknesses, when loaded flatwise, the allowable bending stress (F_b) for both DF and SP LVL shall be modified by a thickness factor, K_t = (1.75/t)^(1/5), where t is the LVL thickness in inches. For thicknesses less than 1-3/4 inches, the factor for the 1 3/4-inch thickness must be used.
- Tabulated tensile stresses are for a 4-foot LVL length. For greater lengths, the value for both DF and SP LVL must be adjusted by multiplying the tabulated value by (4.0/L)^(1/9), where L is the LVL length in feet. For lengths less than 4 feet, use the tabulated value unadjusted.
- The tabulated compressive stress perpendicular to grain (F_{cL}) value for both DF and SP LVL is based on the average stress at the proportional limit, or 0.04-in. deformation, whichever is less.
- Applicable to DF LVL only

TABLE 2—NAIL SPACING^{2,4,5}—INSTALLED PARALLEL TO THE GLUE LINE

RIGIDLAM® LVL AND RIGIDRIM® LVL RIMBOARD THICKNESS	NAIL TYPE AND SIZE	MINIMUM NAIL SPACING ^{1,3} (in.)	NAIL END DISTANCE ¹ (in.)
Less than 1 1/2 in.	8d box	3	1 1/2
	8d common	3	2
	10d and 12d box	3	2
	10d and 12d common	4	3
	16d sinker	4	3
	16d common	6	4
1 1/2 in. and greater	8d box	2	1
	8d common	3	2
	10d and 12d box	3	2
	10d and 12d common	4	3
	16d sinker	4	3
	16d common	6	3

For SI: 1 in. = 25.4 mm.

- Spacing and end distances apply to single rows of nails.
- Table 2 is based on minimum member depth of 3 1/2 inches when nailing into the narrow face of the material, parallel to the glue-line.
- The minimum allowable edge distance is 1/4 inch.
- Allowable lateral and withdrawal nail load capacities are as specified in the NDS for lumber having a specific gravity as indicated in Table 3 of this report.
- If more than one row of parallel nails is required for edge nailing, the rows must be offset at least 1/2 inch and staggered.

TABLE 3—MINIMUM EQUIVALENT SPECIFIC GRAVITY FOR FASTENERS¹

CONNECTION TYPE	TRUE E LVL GRADE	FACE ²		EDGE ³	
		DF LVL	SP LVL	DF LVL	SP LVL
Nail – Withdrawal	1.4E	0.50	NA	0.47	NA
	1.6E	0.50	0.50	0.47	0.43
	1.9E	0.50	NA	0.50	NA
	2.1E	0.50	0.50	0.50	0.43
	2.3E	0.50	NA	0.50	NA
	2.4E	0.50	NA	0.50	NA
Nail – Lateral	1.4E	0.50	NA	0.50	NA
	1.6E	0.50	0.55	0.50	0.49
	1.9E	0.50	NA	0.50	NA
	2.1E	0.50	0.55	0.50	0.49
	2.3E	0.50	NA	0.50	NA
	2.4E	0.50	NA	0.50	NA
Bolt – Lateral	1.4E	0.47	NA	NA	NA
	1.6E	0.47	0.55	NA	NA
	1.9E	0.50	NA	NA	NA
	2.1E	0.50	0.55	NA	NA
	2.3E	0.50	NA	NA	NA
	2.4E	0.50	NA	NA	NA

1. Similar to those values provided in the applicable code for solid sawn lumber having a minimum specific gravity shown.
2. Installed perpendicular to the wide face of the LVL.
3. Installed parallel to the wide face of the LVL.

TABLE 4—ALLOWABLE RIM BOARD DESIGN PROPERTIES FOR RIGIDRIM® LVL RIMBOARD¹

TRUE E LVL GRADE	NOMINAL THICKNESS (in.)	LATERAL LOAD TRANSFER CAPACITY (lb/ft)	VERTICAL BEARING LOAD CAPACITY (lb/ft)	LATERAL RESISTANCE (1/2-INCH LAG SCREW) (lb/ft)
1.4E	1 1/2	215	4900	400 ²

For SI: 1 in. = 25.4 mm, 1 lb/ft = 0.0015 kg/mm, 1 lb/ft = 0.454 kg.

1. Maximum allowable rim board depth is 16 inches (406 mm).
2. Lag screw connections between RIGIDRIM® LVL Rimboard and deck ledgers must meet the conditions under the exception to Section 4.2.2.

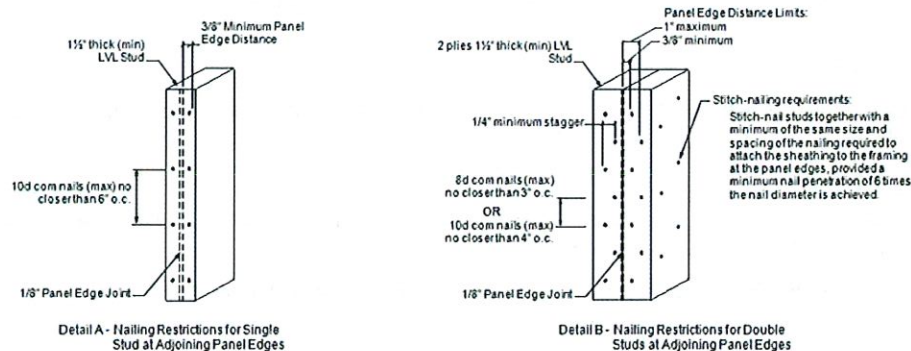


FIGURE 1—NAILING REQUIREMENTS FOR RIGIDLAM LVL STUDS

DISCLAIMER

APA Product Report® is a trademark of APA – The Engineered Wood Association, Tacoma, Washington. ICC-ES Evaluation Report is a trademark of ICC Evaluation Service, LLC (ICC-ES). The information contained herein is based on the product evaluation in accordance with the references noted in this report. Neither ICC-ES, nor APA or its members make any warranty, expressed or implied, or assume any legal liability or responsibility for the use, application of, and/or reference to opinions, findings, conclusions, or recommendations included in this report. The joint ICC-ES/APA Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. Consult the local jurisdiction or design professional to assure compliance with code, construction, and performance requirements. Because neither APA, nor ICC-ES, has any control over quality of workmanship or the conditions under which engineered wood products are used, it cannot accept responsibility for product performance or designs as actually constructed.

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

Section: 06 17 13—Laminated Veneer Lumber

REPORT HOLDER:

ROSEBURG FOREST PRODUCTS CO.

EVALUATION SUBJECT:

RIGIDLAM® LAMINATED VENEER LUMBER (LVL) AND RIGIDRIM® LVL RIMBOARD

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard, described in ICC-ES evaluation report [ESR-1210](#), have also been evaluated for compliance with the codes noted below as adopted by the Los Angeles Department of Building and Safety (LADBS).

Applicable code editions:

- 2020 City of Los Angeles Building Code (LABC)
- 2020 City of Los Angeles Residential Code (LARC)

2.0 CONCLUSIONS

The RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard, described in Sections 2.0 through 7.0 of the evaluation report [ESR-1210](#), comply with the LABC Chapter 23, and the LARC, and are subject to the conditions of use described in this supplement.

3.0 CONDITIONS OF USE

The RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard, described in this evaluation report supplement must comply with all of the following conditions:

- All applicable sections in the evaluation report [ESR-1210](#).
- The design, installation, conditions of use and identification are in accordance with the 2018 *International Building Code*® (IBC) provisions noted in the evaluation report [ESR-1210](#).
- The design, installation and inspection are in accordance with additional requirements of LABC Chapters 16 and 17, as applicable.
- Cutting, notching and boring of members used as wall studs in accordance with Section 4.5.1 of the evaluation report must also comply with the additional requirements in the City of Los Angeles Department of Building and Safety Information Bulletin P/BC 2020-007.

This supplement expires concurrently with the evaluation report, reissued September 2020 and revised December 2020.

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

Section: 06 17 13—Laminated Veneer Lumber

REPORT HOLDER:

ROSEBURG FOREST PRODUCTS CO.

EVALUATION SUBJECT:

RIGIDLAM® LAMINATED VENEER LUMBER (LVL) AND RIGIDRIM® LVL RIMBOARD

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard, described in ICC-ES evaluation report ESR-1210, have also been evaluated for compliance with the code(s) noted below.

Applicable code edition(s):

- 2019 California Building Code (CBC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) and Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

- 2019 California Residential Code (CRC)

2.0 CONCLUSIONS

2.1 CBC:

The RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard, described in Sections 2.0 through 7.0 of the evaluation report ESR-1210, comply with CBC Chapter 23, provided the design and installation are in accordance with the 2018 *International Building Code*® (IBC) provisions noted in the evaluation report, ESR-1210, and the additional requirements of CBC Chapters 16 and 17, as applicable.

2.1.1 OSHPD:

The RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard, described in Sections 2.0 through 7.0 of the evaluation report ESR-1210, comply with CBC amended Chapters 16, 17 and 23, and Chapters 16A and 17A provided the design and installation are in accordance with the 2018 *International Building Code*® (IBC) provisions noted in the evaluation report, and the additional requirements in Section 2.1.1.1 and 2.1.1.2 of this supplement:

2.1.1.1 Conditions of Use:

1. All loads applied shall be determined by the registered design professional and shall comply with applicable loads and load combinations from CBC Chapter 16 and amendments [OSHPD 1R, 2, 3 and 5] and 16A [OSHPD 1 and 4].
2. Conventional light-frame construction under Section 2308 is permitted in accordance with CBC Section 2308.2.7 [OSHPD 1R, 2 & 5].
3. Seismic Design Category shall be in accordance with CBC amended Section 1613.1 Exception 6 [OSHPD 1R, 2 & 5].
4. Construction documents shall include detailing and limitations for notches and bored holes in accordance with CBC amended Sections 2304.3.4 and 2304.4.1 [OSHPD 1, 1R, 2, 4 and 5].

2.1.1.2 Special Inspection Requirement: Special inspection of wood structural elements are required in accordance with CBC amended Section 1705A.5.3 [OSHPD 1 & 4].

2.1.2 DSA:

The RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard, described in Sections 2.0 through 7.0 of the evaluation report ESR-1210, comply with CBC amended Chapters 16 and 23, and Chapters 16A and 17A provided the design and installation are in accordance with the 2018 *International Building Code*® (IBC) provisions noted in the evaluation report, and the additional requirements in Section 2.1.2.1 and 2.1.2.2 of this supplement:

2.1.2.1 Conditions of Use:

1. All loads applied shall be determined by the registered design professional and shall comply with applicable loads and load combinations from CBC amended sections in Chapter 16 [DSA-SS/CC] and 16A [DSA/SS].
2. Conventional light-frame construction under Section 2308, if applicable, shall comply with CBC Section 2308.2.7 [DSA-SS and DSA-SS/CC]
3. Construction documents shall include detailing and limitations for notches and bored holes in accordance with CBC amended Sections 2304.3.4 and 2304.4.1 [DSA-SS and DSA-SS/CC].

2.1.2.2 Special Inspection Requirement: Special inspection of wood structural elements are required in accordance with CBC amended Section 1705A.5.3 [DSA-SS and DSA-SS/CC].

2.2 CRC:

The RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard, described in Sections 2.0 through 7.0 of the evaluation report ESR-1210, comply with CRC Chapters 5, 6, and 8, provided the design and installation are in accordance with the 2018 *International Residential Code*® (IRC) provisions noted in the evaluation report, ESR-1210.

This supplement expires concurrently with the evaluation report, reissued September 2020 and revised December 2020.

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

Section: 06 17 13—Laminated Veneer Lumber

REPORT HOLDER:

PACIFIC WOODTECH CORPORATION

EVALUATION SUBJECT:

PACIFIC WOODTECH® LAMINATED VENEER LUMBER (LVL), PACIFIC WOODTECH® TREATED LVL AND PACIFIC WOODTECH® RIM BOARDS

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Pacific Woodtech® Laminated Veneer Lumber (LVL), Pacific Woodtech® Treated LVL, and Pacific Woodtech® Rim Boards, described in ICC-ES evaluation report [ESR-2909](#), have also been evaluated for compliance with the codes noted below as adopted by the Los Angeles Department of Building and Safety (LADBS).

Applicable code editions:

- 2020 City of Los Angeles Building Code (LABC)
- 2020 City of Los Angeles Residential Code (LARC)

2.0 CONCLUSIONS

The Pacific Woodtech® Laminated Veneer Lumber (LVL), Pacific Woodtech® Treated LVL, and Pacific Woodtech® Rim Boards described in Sections 2.0 through 7.0 of the evaluation report [ESR-2909](#), comply with the LABC Chapter 23, and the LARC, and are subjected to the conditions of use described in this supplement.

3.0 CONDITIONS OF USE

The Pacific Woodtech® Laminated Veneer Lumber (LVL), Pacific Woodtech® Treated LVL, and Pacific Woodtech® Rim Boards described in this evaluation report supplement must comply with all of the following conditions:

- All applicable sections in the evaluation report [ESR-2909](#).
- The design, installation, conditions of use and identification are in accordance with the 2018 *International Building Code*® (IBC) provisions noted in the evaluation report [ESR-2909](#).
- The design, installation and inspection are in accordance with additional requirements of LABC Chapters 16 and 17, as applicable.

This evaluation report supplement expires concurrently with the evaluation report ESR-2909, reissued September 2019 and revised December 2020.

ICC-ES Evaluation Report

ESR-2909 FBC Supplement

Issued February 2019

Revised December 2020

This report is subject to renewal September 2021.

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A Subsidiary of the International Code Council®

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

Section: 06 17 13—Laminated Veneer Lumber

REPORT HOLDER:

PACIFIC WOODTECH CORPORATION

EVALUATION SUBJECT:

PACIFIC WOODTECH® LAMINATED VENEER LUMBER (LVL) AND PACIFIC WOODTECH® RIM BOARDS

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Pacific Woodtech® Laminated Veneer Lumber (LVL) and Pacific Woodtech® Rim Boards, described in ICC-ES evaluation report ESR-2909, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2020 and 2017 *Florida Building Code—Building*
- 2020 and 2017 *Florida Building Code—Residential*

2.0 CONCLUSIONS

The Pacific Woodtech® Laminated Veneer Lumber (LVL) and Pacific Woodtech® Rim Boards, described in Sections 2.0 through 7.0 of the evaluation report ESR-2909, comply with the *Florida Building Code—Building* and the *Florida Building Code—Residential*, provided the design requirements are determined in accordance with the *Florida Building Code—Building* or the *Florida Building Code—Residential*, as applicable. The installation requirements noted in evaluation report ESR-2909 for the *International Building Code*® meet the requirements of the *Florida Building Code—Building* or the *Florida Building Code—Residential*, as applicable.

Use of the Pacific Woodtech® Laminated Veneer Lumber (LVL) and Pacific Woodtech® Rim Boards for compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* and the *Florida Building Code—Residential* has not been evaluated, and is outside the scope of this evaluation report supplement.

For products falling under Florida Rule 61G20-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission).

This evaluation report supplement expires concurrently with the evaluation report ESR-2909, reissued September 2019 and revised December 2020.

ICC-ES Evaluation Report

ESR-1210 FBC Supplement

Issued December 2020

This report is subject to renewal September 2022.

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A Subsidiary of the International Code Council®

DIVISION: 06 00 00—WOOD, PLASTICS, AND COMPOSITES

Section: 06 17 13—Laminated Veneer Lumber

REPORT HOLDER:

ROSEBURG FOREST PRODUCTS CO.

EVALUATION SUBJECT:

RIGIDLAM® LAMINATED VENEER LUMBER (LVL) AND RIGIDRIM® LVL RIMBOARD

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that the RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard, described in ICC-ES evaluation report ESR-1210, have also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2020 and 2017 *Florida Building Code—Building*
- 2020 and 2017 *Florida Building Code—Residential*

2.0 CONCLUSIONS

The RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard, described in Sections 2.0 through 7.0 of the evaluation report ESR-1210, comply with the *Florida Building Code—Building* and the *Florida Building Code—Residential*, provided the design and installation are in accordance with the 2018 and 2015 *International Building Code*® provisions noted in the evaluation report.

Use of the RIGIDLAM® LVL and RIGIDRIM® LVL Rimboard for compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* and the *Florida Building Code—Residential* has not been evaluated and is outside the scope of this evaluation report.

For products falling under Florida Rule 61G20-3, verification that the report holder's quality-assurance program is audited by a quality-assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official, when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the evaluation report, reissued September 2020 and revised December 2020.

Joint Evaluation Report

ESR-2913

Reissued August 2020

Revised December 2020

This report is subject to renewal August 2022.

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A Subsidiary of the International Code Council®

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 17 13—Laminated Veneer Lumber

REPORT HOLDER:

MURPHY ENGINEERED WOOD PRODUCTS DIVISION

EVALUATION SUBJECT:

MURPHY LAMINATED VENEER LUMBER (LVL)

ADDITIONAL LISTEES:

BLUELINX CORPORATION

**EASTERN ENGINEERED WOOD PRODUCTS –
STRUCTURE PRO LVL**

1.0 EVALUATION SCOPE

1.1 Compliance with the following codes:

- 2018, 2015, 2012, 2009 and 2006 *International Building Code*® (IBC)
- 2018, 2015, 2012, 2009 and 2006 *International Residential Code*® (IRC)

For evaluation for compliance with codes adopted by the California Office of Statewide Health Planning and Development (OSHPD) and Division of the State Architect (DSA), see [ESR-2913 CBC and CRC Supplement](#).

For evaluation for compliance with codes adopted by the Los Angeles Department of Building and Safety (LADBS), see [ESR-2913 LABC and LARC Supplement](#).

Property evaluated:

Structural

Evaluation to the following green code(s) and/or standards:

- 2019 California Green Building Standards Code (CALGreen), Title 24, Part 11
- 2015, 2012 and 2008 ICC 700 *National Green Building Standard*™ (ICC 700-2015, ICC 700-2012 and ICC 700-2008)

Attributes verified:

See Section 3.1.

2.0 USES

Murphy LVL is an alternative to sawn lumber for structural applications including beams, headers, joists and rafters.

Murphy LVL is also used for components of built-up structural members, such as flanges for I-joists and chords for trusses.

3.0 DESCRIPTION

3.1 General:

Murphy LVL complies with the requirements noted in Section 2303.1.10 of the 2018 and 2015 IBC (Section 2303.1.9 of the 2012, 2009, and 2006 IBC) for allowable stress design (Section 2301.2). Chapters 5 and 8 of the IRC are applicable to Murphy LVL.

The wood veneer properties and species, adhesive, manufacturing parameters, and finished product thickness, width and length meet the requirements noted in the quality manual that contains the manufacturing standard.

The attributes of the Murphy LVL have been verified as conforming to the provisions of (i) CALGreen Section A4.404.3 for efficient framing techniques; (ii) ICC 700-2015 and ICC 700-2012 Sections 608.1(2), 11.608.1(2) and 12(A).608.1 for resource-efficient materials; and (iii) ICC 700-2008 Section 607.1(2) for resource-efficient materials. Note that decisions on compliance for those areas rest with the user of this report. The user is advised of the project-specific provisions that may be contingent upon meeting specific conditions, and the verification of those conditions is outside the scope of this report. These codes or standards often provide supplemental information as guidance.

3.2 Material:

Murphy LVL is made with layers of wood veneers laminated together using an exterior-type heat durable phenol-formaldehyde adhesive conforming to ASTM D2559. Murphy LVL is available in thicknesses from 1 1/4 inches (32 mm) to 3 1/2 inches (89 mm), depths from 1 1/2 inches (39 mm) to 48 inches (1219 mm), and lengths up to 80 feet (24 m).

4.0 DESIGN AND INSTALLATION

4.1 Design:

4.1.1 General: Murphy LVL is designed as structural composite lumber in accordance with the applicable code and the *National Design Specification*® for Wood Construction (NDS). Reference design values are as noted in Table 1.

4.1.2 Fasteners: Reference design values for connections must be determined in accordance with the applicable section of the NDS, using the equivalent specific gravities provided in Table 2. Spacing, edge distance and end distance of fasteners installed in the faces and edges of Murphy LVL members must be in accordance with the NDS and are limited as shown in Table 3.

4.2 Installation:

Murphy LVL must be installed in accordance with this evaluation report, applicable building codes and the specifications of the design professional responsible for the design of the structure. Drawings and/or the manufacturer's published installation instructions must be available on the jobsite during installation.

5.0 CONDITIONS OF USE

The Murphy LVL described in this report complies with, or is a suitable alternative to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1 Calculations and drawings demonstrating compliance with this report must be submitted to the code official. The calculations and drawings must be prepared by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed.
- 5.2 The material is limited to conditions in which the average equilibrium moisture content of solid-sawn lumber is less than 16 percent.
- 5.3 Connections other than the nailed and bolted connections described in this report are outside of the scope of this report.
- 5.4 Evaluation of the effect of fire-retardant or preservative treatment on LVL is outside the scope of this report.
- 5.5 Installation, fabrication, identification and connection details must be in accordance with this report, the manufacturer's published installation instructions and the applicable code. This report must govern if there are conflicts between the manufacturer's published installation instructions and this report.
- 5.6 Murphy LVL is produced in Sutherlin, Oregon, under a quality control program with inspections by ICC-ES and APA—The Engineered Wood Association (AA-649).

6.0 EVIDENCE SUBMITTED

Data in accordance with the ICC-ES Acceptance Criteria for Structural Wood-based Products (AC47), dated June 2017 (editorially revised March 2018).

7.0 IDENTIFICATION

- 7.1 The Murphy LVL must be identified with stamps bearing the Murphy Engineered Wood Division name (or the name of one of the listees noted at the beginning of this report; grade; evaluation report number (ESR-2913); mill number (1089), production shift and date of manufacture; and the name of the inspection agency [APA—The Engineered Wood Association (AA-649)].

- 7.2 The report holder's contact information is the following:

**MURPHY ENGINEERED WOOD PRODUCTS
DIVISION
412 WEST CENTRAL AVENUE
SUTHERLIN, OREGON 97479
(541) 459-4545
www.murphyplywood.com**

- 7.3 The additional listees' contact information is the following:

**BLUELINX CORPORATION
4300 WILDWOOD PARKWAY
ATLANTA, GEORGIA 30339
(770) 953-7000**

**EASTERN ENGINEERED WOOD PRODUCTS –
STRUCTURE PRO LVL
1245 EASTON ROAD
BETHLEHEM, PENNSYLVANIA 18015
(484) 853-3100**

TABLE 1—REFERENCE DESIGN PROPERTIES (ALLOWABLE STRESS DESIGN) FOR MURPHY LVL^{1,2,3}

PROPERTY		DESIGN STRESS (psi)						
		2,250 F _b -1.5E	2,750 F _b -1.8E	2,850 F _b -1.9E	2,950 F _b -2.0E	3,100 F _b -2.0E	3,100 F _b -2.1E	3,100 F _b -2.2E
Bending (F _b)	Joist ⁴	2,250	2,750	2,850	2,950	3,100	3,100	3,100
	Plank	2,200	2,750	2,800	2,950	3,100	3,100	3,100
Tension parallel to grain (F _t) ⁵		1,350	1,950	1,950	2,100	2,100	2,100	2,100
Longitudinal shear (F _v)	Joist	285	285	285	290	290	290	290
	Plank	150	150	150	150	150	150	150
Compression parallel (F _c)		2,350	2,350	2,350	3,200	3,200	3,200	3,200
Compression perpendicular (F _c)	Joist	750	750	750	750	750	750	750
	Plank	450	450	550	550	550	550	550
Modulus of Elasticity ⁶ , E	Joist	1.5 x 10 ⁶	1.8 x 10 ⁶	1.9 x 10 ⁶	2.0 x 10 ⁶	2.0 x 10 ⁶	2.1 x 10 ⁶	2.2 x 10 ⁶
	Plank	1.4 x 10 ⁶	1.8 x 10 ⁶	1.9 x 10 ⁶	2.0 x 10 ⁶	2.0 x 10 ⁶	2.1 x 10 ⁶	2.2 x 10 ⁶

For SI: 1 psi = 6.9 kPa.

¹The tabulated values are design values for normal duration of load. All values, except for E and F_c, may be adjusted for other load durations as permitted by the code. The design stresses are limited to conditions in which the average equilibrium moisture content of solid-sawn lumber is less than 16 percent.

²Reference design values must be adjusted, as applicable, in accordance with Section 8.3 of the NDS.

³Joist = load parallel to gluelines. Plank = load perpendicular to gluelines.

⁴The tabulated values are based on a reference depth of 12 inches. For other depths, when loaded edgewise, the allowable bending stress (F_b) shall be modified by (12/d)^{0.18} where d = depth in inches. For depths less than 2 1/2 inches, the factor for the 2 1/2-inch depth must be used.

⁵The values published in Table 1 are based on a reference length of 3 feet. For other lengths, the allowable tensile stress must be modified by (3/ℓ)^{0.11}, where ℓ = length in feet. For lengths less than 3 feet, the unadjusted allowable tension stresses in Table 1 are used.

⁶The reference E values are the apparent moduli of elasticity, which include the effects of shear deformation. When calculating total deflection, standard engineering formulae for the pure bending deflection are sufficient.

TABLE 2—FASTENER DESIGN FOR MURPHY LVL: EQUIVALENT SPECIFIC GRAVITY¹

NAILS				BOLTS	
Withdrawal Load		Lateral Load		Lateral Load	
Installed in Edge	Installed in Face	Installed in Edge	Installed in Face	Installed in Face	
				Parallel to Grain	Perpendicular to Grain
0.49	0.50	0.50	0.50	0.50	0.50

¹Fastener values based on the equivalent specific gravities in the above table are for normal load duration and may be adjusted using the load duration factors in accordance with the code.

TABLE 3—MINIMUM ALLOWABLE NAIL SPACINGS FOR MURPHY LVL¹

THICKNESS (in.)	ORIENTATION	NAIL SIZE ^{2,3} (COMMON OR BOX)	MINIMUM END DISTANCE (in.)	MINIMUM NAIL SPACING (IN.)	
				Single Row	Multiple Rows ^{4,5}
1 1/4 ≤ thickness < 1 1/2	Edge ⁶	8d and smaller	2 1/2	4	NR ⁸
		10d and 12d	2 1/2	4	
		16d	3 1/2	5	
	Face ⁷	8d and smaller	1 1/2	3	3
		10d and 12d	1 1/2	3	3
		16d	1 1/2	5	5
≥ 1 1/2	Edge ⁶	8d and smaller	2 1/2	3	4
		10d and 12d	3 1/2 ⁹	4	5
		16d	3 1/2	5	6 ¹⁰
	Face ⁷	8d and smaller	1 1/2	3	3
		10d and 12d	1 1/2	3	3
		16d	1 1/2	5	5

For SI: 1 inch = 25.4 mm.

¹Edge distance must be sufficient to prevent splitting.

²16d sinkers (0.148 inch x 3 1/4 inches) may be spaced the same as a 12d common wire nail (0.148 inch x 3 1/4 inches).

³Fastener sizes and closest on-center spacing not specifically described above are beyond the scope of this report.

⁴Multiple rows in the edge orientation must be spaced 1/2 inch or more from each other and offset one-half of the tabulated minimum nail spacing, as shown in Figure 1.

⁵Multiple rows must be equally spaced from the centerline of the narrow face axis.

⁶Nail penetration for edge nailing must not exceed 2 inches for 16d nails (common or box) or 2 1/2 inches for 10d and 12d nails (common or box).

⁷Tabulated closest on-center spacing for face orientation is applicable to nails that are installed in rows parallel to the grain (length) of the LVL. For nails installed in rows perpendicular to the direction of grain (width/depth) of the LVL, the closest on-center spacing for face orientation must be sufficient to prevent splitting of the LVL.

⁸Not recommended.

⁹Minimum end distance may be reduced to 2 1/2 inches for single row nailing.

¹⁰Minimum nail spacing may be reduced to 5 inches when the LVL is 1 3/4 inches or thicker.

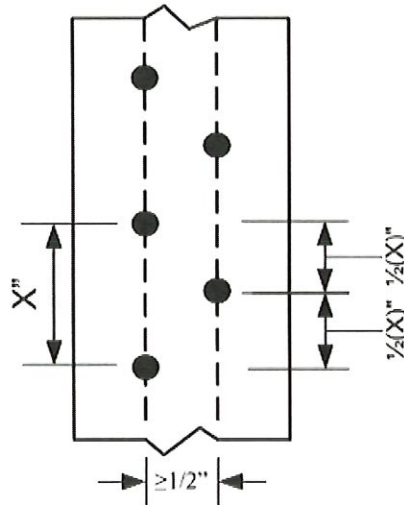


FIGURE 1

DISCLAIMER

APA Product Report® is a trademark of APA – The Engineered Wood Association, Tacoma, Washington. ICC-ES Evaluation Report is a trademark of ICC Evaluation Service, LLC (ICC-ES). The information contained herein is based on the product evaluation in accordance with the references noted in this report. Neither ICC-ES, nor APA or its members make any warranty, expressed or implied, or assume any legal liability or responsibility for the use, application of, and/or reference to opinions, findings, conclusions, or recommendations included in this report. The joint ICC-ES/APA Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. Consult the local jurisdiction or design professional to assure compliance with code, construction, and performance requirements. Because neither APA, nor ICC-ES, has any control over quality of workmanship or the conditions under which engineered wood products are used, it cannot accept responsibility for product performance or designs as actually constructed.

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 17 13—Laminated Veneer Lumber

REPORT HOLDER:

MURPHY ENGINEERED WOOD PRODUCTS DIVISION

EVALUATION SUBJECT:

MURPHY LAMINATED VENEER LUMBER (LVL)

1.0 REPORT PURPOSE AND SCOPE**Purpose:**

The purpose of this evaluation report supplement is to indicate that Murphy LVL, described in ICC-ES evaluation report [ESR-2913](#), has also been evaluated for compliance with the codes noted below as adopted by the Los Angeles Department of Building and Safety (LADBS).

Applicable code editions:

- 2020 *City of Los Angeles Building Code* (LABC)
- 2020 *City of Los Angeles Residential Code* (LARC)

2.0 CONCLUSIONS

The Murphy LVL, described in Sections 2.0 through 7.0 of the evaluation report [ESR-2913](#), complies with the LABC Chapter 23, and the LARC, and is subject to the conditions of use described in this supplement.

3.0 CONDITIONS OF USE

The Murphy LVL, described in this evaluation report supplement must comply with all of the following conditions:

- All applicable sections in the evaluation report [ESR-2913](#).
- The design, installation, conditions of use and identification are in accordance with the 2018 International Building Code® (IBC) provisions noted in the evaluation report [ESR-2913](#).
- The design, installation and inspection are in accordance with additional requirements of LABC Chapters 16 and 17, as applicable.

This supplement expires concurrently with the evaluation report ESR-2913, reissued August 2020 and revised December 2020.

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES

Section: 06 17 13—Laminated Veneer Lumber

REPORT HOLDER:

MURPHY ENGINEERED WOOD PRODUCTS DIVISION

EVALUATION SUBJECT:

MURPHY LAMINATED VENEER LUMBER (LVL)

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that the Murphy LVL, described in ICC-ES evaluation report ESR-2913, has also been evaluated for compliance with the code(s) noted below.

Applicable code editions:

- 2019 California Building Code (CBC)
- 2019 California Residential Code (CRC)

For evaluation of applicable chapters adopted by the California Office of Statewide Health Planning and Development (OSHPD) and Division of State Architect (DSA), see Sections 2.1.1 and 2.1.2 below.

2.0 CONCLUSIONS

2.1 CBC:

The Murphy LVL, described in Sections 2.0 through 7.0 of the evaluation report ESR-2913, complies with CBC Chapter 23, provided the design and installation are in accordance with the 2018 *International Building Code*® (IBC) provisions noted in the evaluation report, ESR-2913, and the additional requirements of CBC Chapters 16 and 17, as applicable.

2.1.1 OSHPD:

The Murphy LVL, described in Sections 2.0 through 7.0 of the evaluation report ESR-2913, complies with CBC amended Chapters 16, 17 and 23, and Chapters 16A and 17A provided the design and installation are in accordance with the 2018 *International Building Code*® (IBC) provisions noted in the evaluation report, and the additional requirements in Section 2.1.1.1 and 2.1.1.2 of this supplement:

2.1.1.1 Conditions of Use:

1. All loads applied shall be determined by the registered design professional and shall comply with applicable loads and load combinations from CBC Chapter 16 and amendments [OSHPD 1R, 2, 3 and 5] and 16A [OSHPD 1 and 4].
2. Conventional light-frame construction under Section 2308 is permitted in accordance with the additional requirements of CBC Section 2308.2.7 [OSHPD 1R, 2 & 5].
3. Seismic Design Category shall be in accordance with CBC amended Section 1613.1 Exception 6 [OSHPD 1R, 2 & 5].
4. Construction documents shall include detailing and limitations for notches and bored holes in accordance with CBC amended Section 2304.4.1 [OSHPD 1, 1R, 2, 4 and 5].
5. When the product is used as chords for trusses, the additional requirements of Section 2303.4.1.4.1 and Section 2303.4.3.1 [OSHPD 1, 1R, 2, 4 & 5] for construction documents shall apply.

2.1.1.2 Special Inspection Requirement: Special inspection of wood structural elements are required in accordance with CBC amended Section 1705A.5.3 [OSHPD 1 & 4].

2.1.2 DSA:

The Murphy LVL, described in Sections 2.0 through 7.0 of the evaluation report ESR-2913, complies with CBC amended Chapters 16 and 23, and Chapters 16A and 17A provided the design and installation are in accordance with the 2018 *International Building Code*® (IBC) provisions noted in the evaluation report, and the additional requirements in Section 2.1.2.1 and 2.1.2.2 of this supplement:

2.1.2.1 Conditions of Use:

1. All loads applied shall be determined by the registered design professional and shall comply with applicable loads and load combinations from CBC amended sections in Chapter 16 [DSA-SS/CC] and 16A [DSA/SS].
2. Conventional light-frame construction under Section 2308, if applicable, shall comply with the additional requirements of CBC Section 2308.2.7 [DSA-SS and DSA-SS/CC].
3. Construction documents shall include detailing and limitations for notches and bored holes in accordance with CBC amended Section 2304.4.1 [DSA-SS and DSA-SS/CC].
4. When the product is used as chords for trusses, the additional requirements of Section 2303.4.1.4.1 and Section 2303.4.3.1 [DSA-SS and DSA-SS/CC] for construction documents shall apply.

2.1.2.2 Special Inspection Requirement: Special inspection of wood structural elements are required in accordance with CBC amended Section 1705A.5.3 [DSA-SS and DSA-SS/CC].

2.2 CRC:

The Murphy LVL described in Sections 2.0 through 7.0 of the evaluation report ESR-2913, complies with CRC Chapters 5 and 8, provided the design and installation are in accordance with the 2018 *International Residential Code*® (IRC) provisions noted in the evaluation report, ESR-2913.

This supplement expires concurrently with the evaluation report ESR-2913, reissued August 2020 and revised December 2020.

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 17 13—Laminated Veneer Lumber

REPORT HOLDER:

MURPHY ENGINEERED WOOD PRODUCTS DIVISION

EVALUATION SUBJECT:

MURPHY LAMINATED VENEER LUMBER (LVL)

1.0 REPORT PURPOSE AND SCOPE

Purpose:

The purpose of this evaluation report supplement is to indicate that Murphy Laminated Veneer Lumber (LVL), described in ICC-ES evaluation report ESR-2913, has also been evaluated for compliance with the codes noted below.

Applicable code editions:

- 2020 and 2017 *Florida Building Code—Building*
- 2020 and 2017 *Florida Building Code—Residential*

2.0 CONCLUSIONS

The Murphy LVL, described in Sections 2.0 through 7.0 of ICC-ES evaluation report ESR-2913, complies with the 2020 and 2017 *Florida Building Code—Building* or the 2020 and 2017 *Florida Building Code—Residential*, provided the design requirements are determined in accordance with the *Florida Building Code—Building* or the *Florida Building Code—Residential*, as applicable. The installation requirements noted in ICC-ES evaluation report ESR-2913 for the 2018 and 2015 *International Building Code*® meet the requirements of the *Florida Building Code—Building* or the *Florida Building Code—Residential*, as applicable.

Use of the Murphy LVL for compliance with the High-Velocity Hurricane Zone provisions of the *Florida Building Code—Building* and the *Florida Building Code—Residential* has not been evaluated and is outside the scope of this evaluation report.

For products falling under Florida Rule 61G20-3, verification that the report holder's quality assurance program is audited by a quality assurance entity approved by the Florida Building Commission for the type of inspections being conducted is the responsibility of an approved validation entity (or the code official when the report holder does not possess an approval by the Commission).

This supplement expires concurrently with the evaluation report, reissued August 2020 and revised December 2020.

Joint Evaluation Report

ESR-2909

Reissued September 2019

Revised December 2020

This report is subject to renewal September 2021.

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A Subsidiary of the International Code Council®

DIVISION: 06 00 00—WOOD, PLASTICS AND COMPOSITES
Section: 06 17 13—Laminated Veneer Lumber

REPORT HOLDER:

PACIFIC WOODTECH CORPORATION

EVALUATION SUBJECT:

PACIFIC WOODTECH® LAMINATED VENEER LUMBER (LVL) AND PACIFIC WOODTECH® RIM BOARDS

ADDITIONAL LISTEES:

ALLIANCE LUMBER

BLUELINX CORPORATION

1.0 EVALUATION SCOPE

Compliance with the following codes:

- 2018, 2015, 2012 and 2009 *International Building Code®* (IBC)
- 2018, 2015, 2012 and 2009 *International Residential Code®* (IRC)

For evaluation for compliance with codes adopted by the Los Angeles Department of Building and Safety (LADBS), see [ESR-2909 LABC and LARC Supplement](#).

Properties evaluated:

- Structural
- Fireblocking

2.0 USES

Pacific Woodtech® laminated veneer lumber (LVL) is used in structural applications such as beams, headers, joists, rafters, columns, and truss chords. Pacific Woodtech® Rim Boards are used in rim board applications as described in this report.

3.0 DESCRIPTION

Pacific Woodtech Corporation manufactures and private-labels the LVL products described in this report. Private-label products are produced for the additional listee in this report, and also for others. The company names and associated product trade names for LVL and rim board products are as follows:

COMPANY	PRODUCT TRADE NAME
Pacific Woodtech Corporation	Pacific Woodtech®
Alliance Lumber	Integri-Lam™
BlueLinx Corporation	onCENTER®

Pacific Woodtech LVL and Pacific Woodtech Rim Boards

are structural composite lumber products complying with ASTM D5456 and additional performance requirements specified in the ICC-ES Acceptance Criteria for Structural Wood-based Products (AC47) and the Acceptance Criteria for Rim Board Products (AC124). Qualified adhesives, veneer species and veneer grades are as specified in the approved quality control manual. The veneers are laminated with the grain parallel to the length of the LVL member. Pacific Woodtech LVL is available in thicknesses from 3/4 inch (19.1 mm) to 7 inches (178 mm) and depths from 1 3/4 inches (44.5 mm) to 48 inches (1219 mm). Products thicker than 3 1/2 inches (89 mm) are fabricated by means of a secondary face-bonding process. Pacific Woodtech Rim Boards are manufactured from Pacific Woodtech LVL in thicknesses of 1 1/4, 1 1/2 and 1 3/4 inches (32 mm, 38 mm and 44 mm), a maximum depth of 24 inches (610 mm), and a minimum length of 8 feet (2438 mm).

4.0 DESIGN AND INSTALLATION

4.1 Design:

4.1.1 General: The design provisions for structural composite lumber in the ANSI/AWC *National Design Specification®* (NDS) for Wood Construction, as referenced in the applicable code, are applicable to Pacific Woodtech LVL, unless otherwise noted in this report. Reference design values for Pacific Woodtech LVL are provided in Table 1.

4.1.2 Connections: Reference lateral and withdrawal design values for nailed or bolted connections in Pacific Woodtech LVL are as specified in the NDS for structural composite lumber having equivalent specific gravities as given in Table 3 of this report. For fasteners installed perpendicular to the wide face of the veneers, spacing, edge distances and end distances must be as required in the NDS for sawn lumber. Minimum required spacing, edge distances and end distances for fasteners installed into the narrow face of the LVL (faces showing the narrow edge of all veneers) are as given in Table 4. Bolted connections are not allowed in member edges.

Connections, other than the nailed and bolted connections described herein, are outside the scope of this report.

Exception: Lag screw connections between Pacific Woodtech Rim Boards and deck ledgers have an allowable lateral load of 350 pounds (1.56 kN) per lag screw, under the following conditions:

- a. Lag screws must have a minimum nominal diameter of 1/2 inch (12.7 mm), and sufficient length so that the full diameter of the lag screw shank penetrates through the rim board (the tapered tip must pass completely through the rim board).
- b. Deck ledgers must consist of minimum 2-by-8 lumber having a minimum assigned specific gravity of 0.42.

- c. Sheathing between the rim board and the deck ledger must consist of wood structural panels meeting PS-1 or PS-2 and be attached to the rim board in accordance with the applicable code.
- d. One flat washer must be used between the deck ledger and the lag screw head.
- e. Edge distances from the center of the lag screw to the edges of the rim board and deck ledger must be 2 inches (51 mm) or greater. End distances must be 4 inches (102 mm) or greater.
- f. The lag screws must be installed, and adjustment factors must be applied as applicable, in accordance with the NDS.
- g. Rim boards and deck ledgers must be checked for load-carrying capacity at connections in accordance with Section 10.1.2 of the NDS.

4.1.3 Rim Boards: Allowable loads for Pacific Woodtech Rim Boards are given in Table 2. Toe-nailed connections of rim boards are not limited by the 150 plf (2189 N/m) lateral load capacity noted for Seismic Design Categories D, E, and F in Section 4.1.7 of the ANSI/AWC Special Design Provisions for Wind and Seismic (SDPWS).

4.1.4 Fireblocking: Pacific Woodtech LVL may be used as fireblocking in lieu of the materials listed in Section 718.2.1 of the 2018, 2015 and 2012 IBC, Section 717.2.1 of the 2009 IBC, and Section R302.11.1 of the 2018, 2015, 2012 and 2009 IRC, as applicable. LVL used as fireblocking must have a minimum thickness of 1½ inches (38 mm), with the exception that ¾-inch-thick (19 mm) LVL may be used, provided the joints are backed by a second layer of ¾-inch-thick (19 mm) LVL.

4.2 Installation:

4.2.1 General: Installation of Pacific Woodtech LVL and Pacific Woodtech Rim Boards must comply with this report and with the manufacturer's published installation instructions. The manufacturer's published installation instructions must be available at the jobsite at all times during installation.

4.2.2 Rim Boards: Pacific Woodtech Rim Boards must be installed as a continuously supported structural element located at the joist elevation in an end bearing wall or parallel to the joist framing. It must be the full depth of the joist space and be used for any combination of the following: (1) transfer of vertical loads, from above to below, at the rim board location; (2) diaphragm attachment (e.g., sheathing to top edge of rim board); (3) transfer of in-plane lateral loads from the diaphragm to the wall plate below; (4) to provide lateral support to the joist (i.e., resistance against rotation) through attachment to the joist; (5) to provide closure for ends of joists; or (6) as an attachment base for siding and/or exterior deck ledgers.

5.0 CONDITIONS OF USE

The Pacific Woodtech® LVL and Pacific Woodtech® Rim Boards described in this report comply with, or are suitable alternatives to what is specified in, those codes listed in Section 1.0 of this report, subject to the following conditions:

- 5.1** Design and installation must comply with this report, the manufacturer's published installation instructions, and the applicable code. In the event of a conflict between this report and the manufacturer's published installation instructions, this report governs.
- 5.2** Design calculations and/or drawings, demonstrating compliance with this report, must be provided to the code official upon request. These documents must be sealed by a registered design professional where required by the statutes of the jurisdiction in which the project is to be constructed.
- 5.3** Plank compression perpendicular to grain, $F_{c\perp}$, values in Table 1 are allowed to be adjusted by the NDS specified bearing area factor, C_b .
- 5.4** Applications in unprotected, wet service conditions, where the moisture content of the LVL will reach 16 percent or greater, are beyond the scope of this report.
- 5.5** Pacific Woodtech® LVL products are produced at the Pacific Woodtech Corporation manufacturing plant located in Burlington, Washington, under a quality-control program with inspections by ICC-ES and APA—The Engineered Wood Association (AA-649).

6.0 EVIDENCE SUBMITTED

- 6.1** Data in accordance with the ICC-ES Acceptance Criteria for Structural Wood-based Products (AC47), dated June 2017 (Editorially revised March 2018).
- 6.2** Data in accordance with the ICC-ES Acceptance Criteria for Rim Board Products (AC124), dated June 2019.

7.0 IDENTIFICATION

- 7.1** Pacific Woodtech® LVL is identified by a stamp noting the manufacturer's name (Pacific Woodtech), product trade name, grade, production date, evaluation report number (ESR-2909), qualified inspection agency name or logo (APA), and manufacturer's APA mill number (1047).
- 7.2** Pacific Woodtech® Rim Boards are identified by a stamp noting the manufacturer's name (Pacific Woodtech), product trade name, product name or registered trademark, grade, thickness, production date, evaluation report number (ESR-2909), name of the inspection agency (APA—The Engineered Wood Association) and manufacturer's APA mill number (1047).
- 7.3** The report holder's contact information is the following:
PACIFIC WOODTECH CORPORATION
1850 PARK LANE
BURLINGTON, WASHINGTON 98233
(360) 707-2200
www.pacificwoodtech.com
- 7.4** The additional listee' contact information is the following:

ALLIANCE LUMBER
1800 WEST BROADWAY ROAD, SUITE 1
TEMPE, ARIZONA 85282

BLUELINX CORPORATION
1950 SPECTRUM CIRCLE
MARIETTA, GEORGIA 30067

TABLE 1—PACIFIC WOODTECH® LVL REFERENCE DESIGN VALUES (psi)^{1,2}

True E		Apparent E		Beam ³			Plank ⁴			Axial	
Grade	MOE (10 ⁶ psi) ⁵	Grade	MOE (10 ⁶ psi) ⁶	F _b (psi) ⁷	F _v (psi)	F _{cl} (psi)	F _b (psi) ⁷	F _v (psi)	F _{cl} (psi) ⁸	F _t (psi) ⁹	F _c (psi)
1.6E	1.6	1.5E	1.5	2,250	230	750	2,250	150	650	1,500	1,950
1.9E	1.9	1.8E	1.8	2,750	285	850	2,750	150	650	1,850	2,450
2.1E	2.1	2.0E	2.0	2,900	285	850	2,900	150	650	2,100	2,750
2.1E	2.1	2.0E	2.0	3,100	285	850	3,100	150	650	2,100	2,750
2.3E	2.3	2.2E	2.2	3,100	285	850	3,100	150	650	2,350	3,050

For SI: 1 psi = 6.895 kPa, 1 inch = 25.4 mm.

¹Reference design values are based on dry conditions of use, in which the environmental conditions (temperature and relative humidity) will result in an average equilibrium moisture content (EMC) of sawn lumber of less than 16 percent. Applications where the EMC will equal or exceed 16 percent are outside the scope of this report.

²Reference design values must be adjusted, as applicable, in accordance with Section 8.3 of the NDS.

³Beam values apply to members loaded and supported on faces showing the narrow edge of all veneers, typically the narrow faces of the member.

⁴Plank values apply to members loaded and supported on faces showing the wide face of one veneer, typically the wide faces of the member.

⁵Tabulated values are the true (shear-free) modulus of elasticity. Coefficient of variation of E_{true} may be taken as 0.10.

⁶Tabulated values are the apparent modulus of elasticity. The reference modulus of elasticity for beam stability and column stability calculations, E_{min} , must be calculated in accordance with Appendix D of the NDS. When calculating E_{min} , the coefficient of variation of modulus of elasticity, COV_E , may be taken as 0.10.

⁷The volume factor, C_v , which is applicable to reference bending design values, F_b , in accordance with Section 8.3 of the NDS, must be calculated as follows: For beam orientation: $C_v = (12/d)^{0.20} \leq 1.47$; For plank orientation: $C_v = (1.75/d)^{0.33} \leq 1.00$, where d is the member depth in inches.

⁸Plank compression perpendicular to grain, F_{cl} , values are allowed to be adjusted by the NDS specified bearing area factor, C_b .

⁹Reference tension design values parallel to grain, F_t , apply to a 4-foot member length. For member lengths greater than 4 feet, F_t must be multiplied by a factor of $(4/L)^{0.10}$, where L is the length of the member, in feet.

TABLE 2—1¹/₄, 1¹/₂, 1³/₄- INCH RIM BOARD ALLOWABLE LOADS^{1, 2, 3, 4}

True E (10 ⁶ psi)	Apparent E (10 ⁶ psi)	Minimum Thickness (in.)	Depth (in.)	Vertical Load Capacity		Lateral Load Capacity (plf)	Deck Ledger Connection ⁵ (1/2" dia. lag screw) (lbf)	Deck Ledger Connection (1/2" dia. bolt) (lbf)	Deck Ledger Connection (1/2" dia. bolt w/ air gap) (lbf)
				Uniform Load (plf)	Concentrated Load (lbf)				
1.6	1.5	1-1/4	11-7/8	4,250	3,760	200	550	550	350
			14	3,550	3,550				
			16	2,900	2,900				
		1-1/2	11-7/8	6,480	4,500	250	550	550	615
			14	5,600	4,500				
			16	4,800	4,500				
			18	3,900	2,700				
			20	3,200	2,700				
			24	2,250	2,250				
		1-3/4	11-7/8	7,560	5,200	250	675	725	615
			14	6,900	5,200				
			16	6,200	5,200				
			18	5,500	4,200				
			20	4,800	4,200				
			24	3,500	3,500				

For SI: 1 plf = 14.59 N/m, 1 lb = 4.448 N.

¹The design loads given in this table are for rim boards installed in accordance with Section 4.2.2.

²Tabulated design values are based on dry conditions of use, in which the environmental conditions (temperature and relative humidity) will result in an average equilibrium moisture content (EMC) of sawn lumber of less than 16%. Applications where the EMC will equal or exceed 16% are outside the scope of this report.

³All design values are applicable to the normal load duration (10 years) for wood products, except for the lateral load capacity, which is based on the short-term load duration (10 minutes). Design values shall be adjusted for other load durations in accordance Section 2.3.2 of the NDS except the uniform vertical load and concentrated vertical load are not allowed to be increased for any load durations shorter than the normal load duration (10 years).

⁴Other design values are as provided for 1.6E grade Pacific Woodtech LVL in Table 1.

⁵Lag screw connections between rim boards and deck ledgers have an allowable lateral load of 350 pounds per lag screw, provided the conditions in the exception to Section 4.1.2 are met.

TABLE 3—EQUIVALENT SPECIFIC GRAVITY FOR CONNECTION DESIGN^{1,2}

Connection Type – Load Direction	Fastener Orientation	
	Face ³	Edge ⁴
Nail – Withdrawal	0.50	0.47
Nail – Lateral	0.50	0.50
Bolt – Lateral	0.50	N.A.

¹Reference lateral and withdrawal design values for bolted and nailed connections in Pacific Woodtech LVL are as specified in the NDS for structural composite lumber having equivalent specific gravities as indicated in the table above.

²Connections in which fasteners are installed into the end grain of the LVL are outside the scope of this report.

³Values given under the heading 'Face' apply to connections in which the fastener axis is installed perpendicular to the faces showing the wide face of one veneer.

⁴Values given under the heading 'Edge' apply to connections in which the fastener axis is installed perpendicular to the faces showing the narrow edge of all veneers.

TABLE 4—MINIMUM NAIL SPACING AND END DISTANCE¹

Nominal LVL Thickness	Orientation	Nail Size ²	Nail Diameter (in.)	Nail Length (in.)	Minimum End Distance (in.)	Minimum Nail Spacing ² (in.)		Maximum Nail Penetration ³ (in.)
						Single Row	Double Row	
Less than 1-1/2 in.	Edge	8d & smaller	0.131	2.5	2-1/2	3	NA	2.25
		10d & 12d	0.148	3.25	2-1/2	4		2.5
		16d	0.162	3.5	3-1/2	5		2
	Face ⁴	12d & smaller	0.148	3.25	1-1/2	3	3	LVL Thickness
		16d	0.162	3.5	1-1/2	5	5	LVL Thickness
1-1/2 in. and greater	Edge	8d & smaller	0.131	2.5	2-1/2	3	4	2.25
		10d & 12d	0.148	3.25	3-1/2 ⁵	4	5	2.5
		16d	0.162	3.5	3-1/2	5	6 ⁶	2
	Face ⁴	12d & smaller	0.148	3.25	1-1/2	3	3	LVL Thickness
		16d	0.162	3.5	1-1/2	5	5	LVL Thickness

For SI: 1 inch = 25.4 mm.

¹Edge distance shall be sufficient to prevent splitting.

²Nail sizes and closest on-center spacing not specifically described in this table are outside the scope of this report.

³Penetration length includes nail tip.

⁴Tabulated closest on-center spacing for face orientation is applicable to nails that are installed in rows parallel to the grain (length) of the LVL. For nails installed in rows perpendicular to the direction of grain (width/depth) of the LVL, the closest on-center spacing for face orientation shall be sufficient to prevent splitting of the LVL.

⁵Minimum end distance is allowed to be reduced to 2 1/2 in. for single row nailing.

⁶Minimum nail spacing may be reduced to 5 in. when LVL is 1 3/4 in. or thicker.

DISCLAIMER

APA Product Report® is a trademark of APA – The Engineered Wood Association, Tacoma, Washington. ICC-ES Evaluation Report is a trademark of ICC Evaluation Service, LLC (ICC-ES). The information contained herein is based on the product evaluation in accordance with the references noted in this report. Neither ICC-ES, nor APA or its members make any warranty, expressed or implied, or assume any legal liability or responsibility for the use, application of, and/or reference to opinions, findings, conclusions, or recommendations included in this report. The joint ICC-ES/APA Evaluation Reports are not to be construed as representing aesthetics or any other attributes not specifically addressed, nor are they to be construed as an endorsement of the subject of the report or a recommendation for its use. Consult the local jurisdiction or design professional to assure compliance with code, construction, and performance requirements. Because neither APA, nor ICC-ES, has any control over quality of workmanship or the conditions under which engineered wood products are used, it cannot accept responsibility for product performance or designs as actually constructed.



David Bess
111 S. Capitol Street
Community Development
Pekin, Illinois 61554
dhhbess@ci.pekin.il.us
(309) 478-5356

Zoning Board of Appeals Review Sheet August 10, 2022

CASE RZ 2022-04

A rezoning request submitted by Richard Curto for property located at lot 215 on Velde Drive to amend zoning to R-2 One Family Residential. Said property is currently zoned "Water or Rail-Roads" with a legal description of SEC 25 T25N R5W MARIGOLD EST PHASE 12 LOT 215 NW ¼, with the following PIN: 04-04-25-104-056, in Tazewell County, Illinois.

SUMMARY

Staff reviewed multiple adopted zoning maps and consulted with the City's legal counsel on this item as the City's Code does not provide for a parcel designation of "Water or Rail-Roads" thus it was unclear whether this was an error or if there was a purposeful zoning of this type for a planned use/ownership. Staff was unable to locate any inconsistencies in this zoning and the property appears to have been consistently indicated as this zoning type from year-to-year. Legal staff advised that since an inconsistency error cannot be located, it is appropriate to undertake the re-zoning process as provided for in the Code as opposed to undertaking a unilateral or administrative action to resolve the matter.

STAFF NOTES

The area surrounding the parcel in consideration is largely consistent with the requested zoning type. Staff considers the undertaking of the re-zoning process as a formality to ensure protection of the new owner and the City.



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Board of Appeals Application for Consideration

Type of Request (check one): ☐ A. Special Use (\$85) ☐ B. Residential Variance (\$85) ☐ C. Non-Residential Variance (\$85) ☒ D. Map Amendment/Rezoning (\$75) ☐ E. Annexation (\$75)	Request Property Address or PIN: <u>04-04-25-104-056</u>
	Current Zoning (if known): <u>Water or Railroads</u>
	Proposed Zoning (if rezoning request): <u>Residential (R2)</u>
	Current Use: <u>Vacant Lot</u>
	Proposed Use (if different): <u>Single Family Home</u>

Property Owner Name:	<u>Richard Curto</u>
Mailing Address:	<u>303 Powers Ave. Pekin, IL 61554</u>
Phone:	<u>309-657-2112</u>
Alternative Phone:	<u>309-840-1600</u>
E-Mail Address:	<u>syndicate 976@yahoo.com</u>

Applicant Name (if different):	
Mailing Address:	
Phone:	
Alternative Phone:	
E-Mail Address:	

Received July 12, 2022

check # 4611



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Please summarize your request and explain why it is necessary:

Rezone Lot 215 in Marigold Estates so I can build
a 1,600' sq. ft. house for myself and my family to
live in.

Present zoning prevents ~~from~~ construction at this time of
a R2 residential. The property is surrounded on all
sides currently by R2 Residential properties.

CERTIFICATION BY PROPERTY OWNER

I certify that I am the owner of the property, which is the subject of this request. I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief. If an applicant is signing below, that applicant has received my approval to proceed with this request.

A handwritten signature in black ink, appearing to be "R. L. L. L.", written over a horizontal line.

Owner Signature

07/12/22

Date

CERTIFICATION BY THE APPLICANT (if different)

I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief.

A handwritten signature in black ink, appearing to be "R. L. L. L.", written over a horizontal line.

Applicant Signature

07/12/22

Date



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

II. Payment: Payment of the amount indicated on the first page to accompany your application. If making payment via check, please make payment payable to the "City of Pekin".

III. Variance: If requesting a variance, you must complete and attach this page to your application:

1. Variances are intended to relieve situations involving a hardship in meeting Zoning Code requirements. What is the hardship that this variance request is intended to relieve? Examples of hardships can include the topography of the lot, unique shape of the lot or other physical conditions that prevent the request from meeting the requirements of the Zoning Code.

N/A

2. Is the variance needed due to special and unique circumstances not caused by the applicant's or owner's own actions?

N/A

3. Should the request be approved, will the variance negatively impact adjoining properties in any way?

N/A

4. Will the variance be consistent with the purpose and intent of the Zoning Code and not alter the essential character of the locality?

N/A

5. Does the benefit(s) of granting the variance outweighs any anticipated negative impacts to the surrounding properties (if any)?

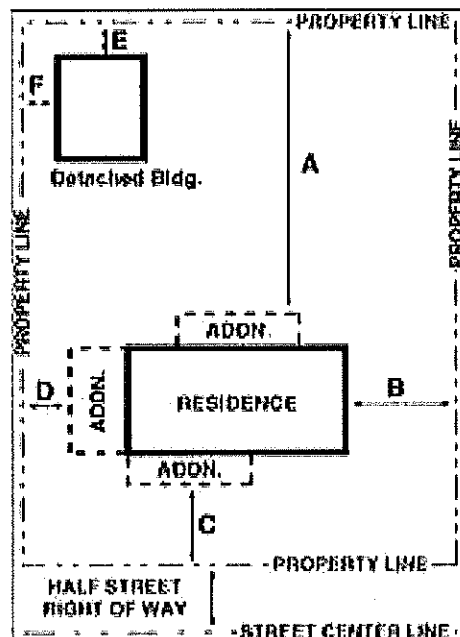
N/A

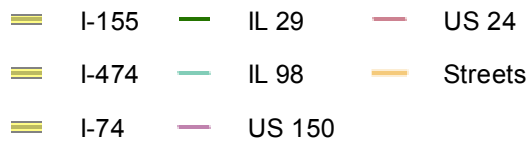


Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

The following attachments are required for consideration of your request:

- I. Site Plan:** An electronic copy (preferred) or two physical copies of a site plan for the proposal showing:
1. A scale of not less than one inch equals fifty feet (1" = 50') if the subject property is less than three (3) acres and one inch equals one hundred feet (1" = 100') if three (3) acres or more. Date, north point and scale.
 2. The dimensions of all lot and property lines, showing the relationship of the subject property to abutting properties. The location of all existing and proposed structures on the subject property and all structures within one hundred feet (100') of the subject property. The location of all existing and proposed drives and parking areas. The location and right-of-way widths of all abutting streets and alleys.
 3. Attachments such as landscape plan, photograph or renderings of existing and proposed site, building layouts or elevations, etc. are commended in order to provide accurate and sufficient information for review by the Development Review Committee and consideration by the Plan Commission.
 4. The names, addresses, and phone numbers of the architect, planner, designer, engineer or person responsible for the preparation of the site plan (commercial projects only).





The seal of Tazewell County, Illinois, is a circular emblem. It features a central illustration of a large, multi-story building, likely a government or institutional structure. Above the building, the words "TAEWELL COUNTY" are inscribed in a semi-circle. Below the building, the year "1827" is displayed. The entire seal is encircled by a decorative border, and the word "ILLINOIS" is written at the bottom.

Tazewell County, IL



David Bess
111 S. Capitol Street
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dhbess@ci.pekin.il.us
(309) 478-5356

Zoning Board of Appeals Review Sheet August 10, 2022

Case SPR 2022-01

A site plan review request submitted by Jeff Hornecker to utilize property located at the southern corner of Velde Drive (Lick Creek Dr.) and N. Parkway Drive for multiple two-unit multifamily dwellings. Said property is zoned RM-1 Multiple Family Residential with a legal description of SEC 25 T25N R5W PT E 1/2 SE 1/4 OF NW 1/4, with the following PIN: 04-04-25-100-013, in Tazewell County, Illinois.

SUMMARY

This is a review of a multiple dwelling site plan per review requirements in 4-3-5-5-4(a). The site plan includes 14 structures (duplexes) with building distance and setback spacing that appears to coincide with setback and life/safety requirements in City Code. Staff have identified no variances necessary to approve the site plan and the proposed development is within the confines of principal uses for the parcel's zoning type.

STAFF NOTES

No additional notes.



Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Board of Appeals Application for Consideration

<u>Type of Request (check one):</u> ☐ A. Special Use (\$85) ☐ B. Residential Variance (\$85) ☐ C. Non-Residential Variance (\$85) ☐ D. Map Amendment/Rezoning (\$75) ☐ E. Annexation (\$75)	Request Property Address or PIN: <u>04-04-25-100-013</u>
	Current Zoning (if known): <u>Rm-1</u>
	Proposed Zoning (if rezoning request): <u></u>
	Current Use: <u></u>
	Proposed Use (if different): <u></u>

Property Owner Name:	<u>HORNECKER PROPERTIES, LLC.</u>
Mailing Address:	<u>742 OAKHILL CT. PEKIN, IL.</u>
Phone:	<u>309.696.3348</u>
Alternative Phone:	
E-Mail Address:	<u>jeff.horn@outlook.com</u>

Applicant Name (if different):	
Mailing Address:	
Phone:	
Alternative Phone:	
E-Mail Address:	

CITY OF
Pekin
ILLINOIS

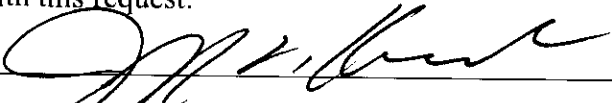
Planning and Zoning Department
111 S. Capitol Street, Pekin, Illinois 61554 – (309) 477-2300

Please summarize your request and explain why it is necessary:

Preview for 14 Duplexes to be built
on property. Zoning to remain RM-1.

CERTIFICATION BY PROPERTY OWNER

I certify that I am the owner of the property, which is the subject of this request. I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief. If an applicant is signing below, that applicant has received my approval to proceed with this request.


Owner Signature

7-20-2022
Date

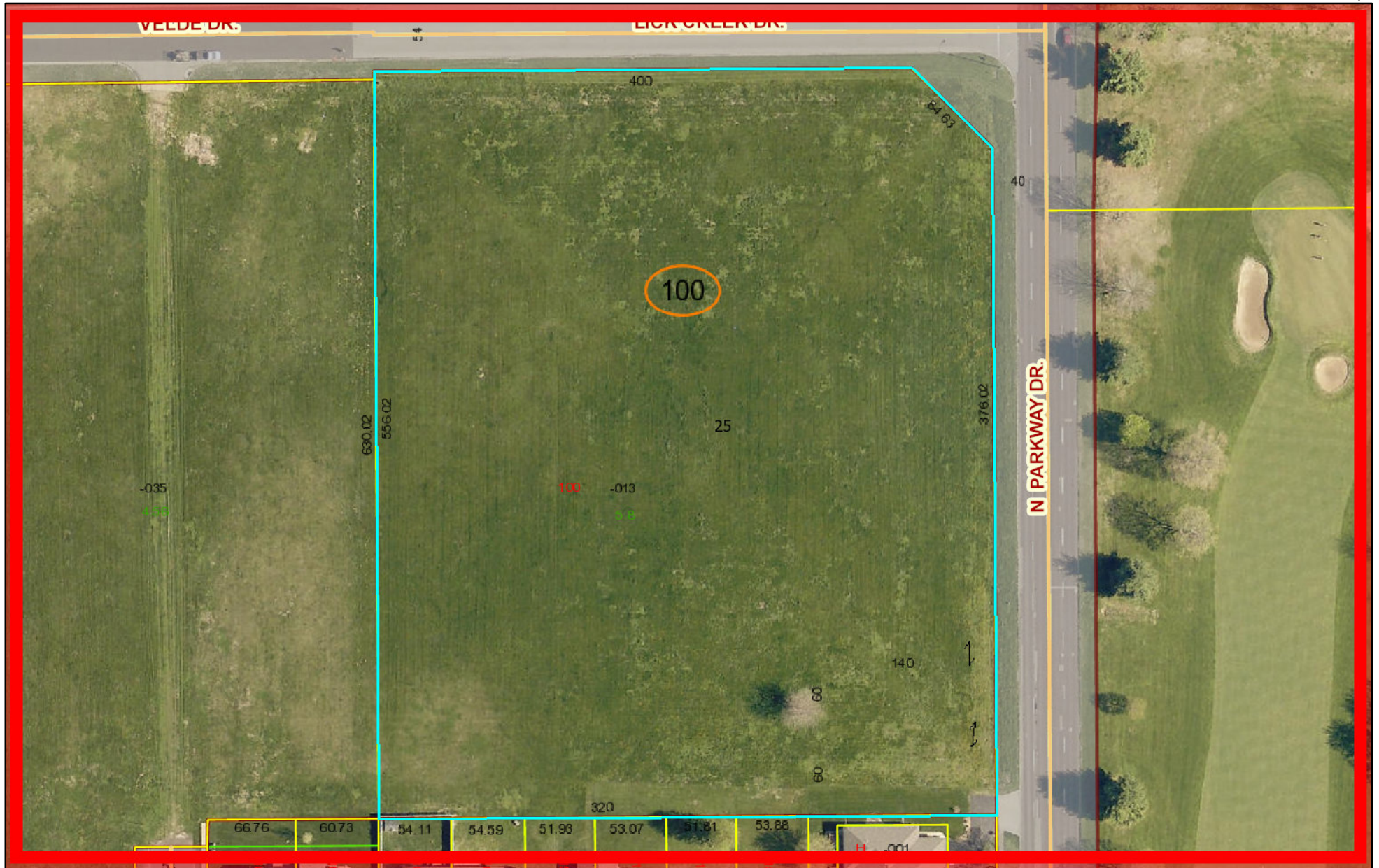
CERTIFICATION BY THE APPLICANT (if different)

I certify that all the information contained in this application form or any attachments, documents, or plans submitted herewith are true to the best of my knowledge and belief.

Applicant Signature

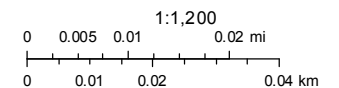
Date

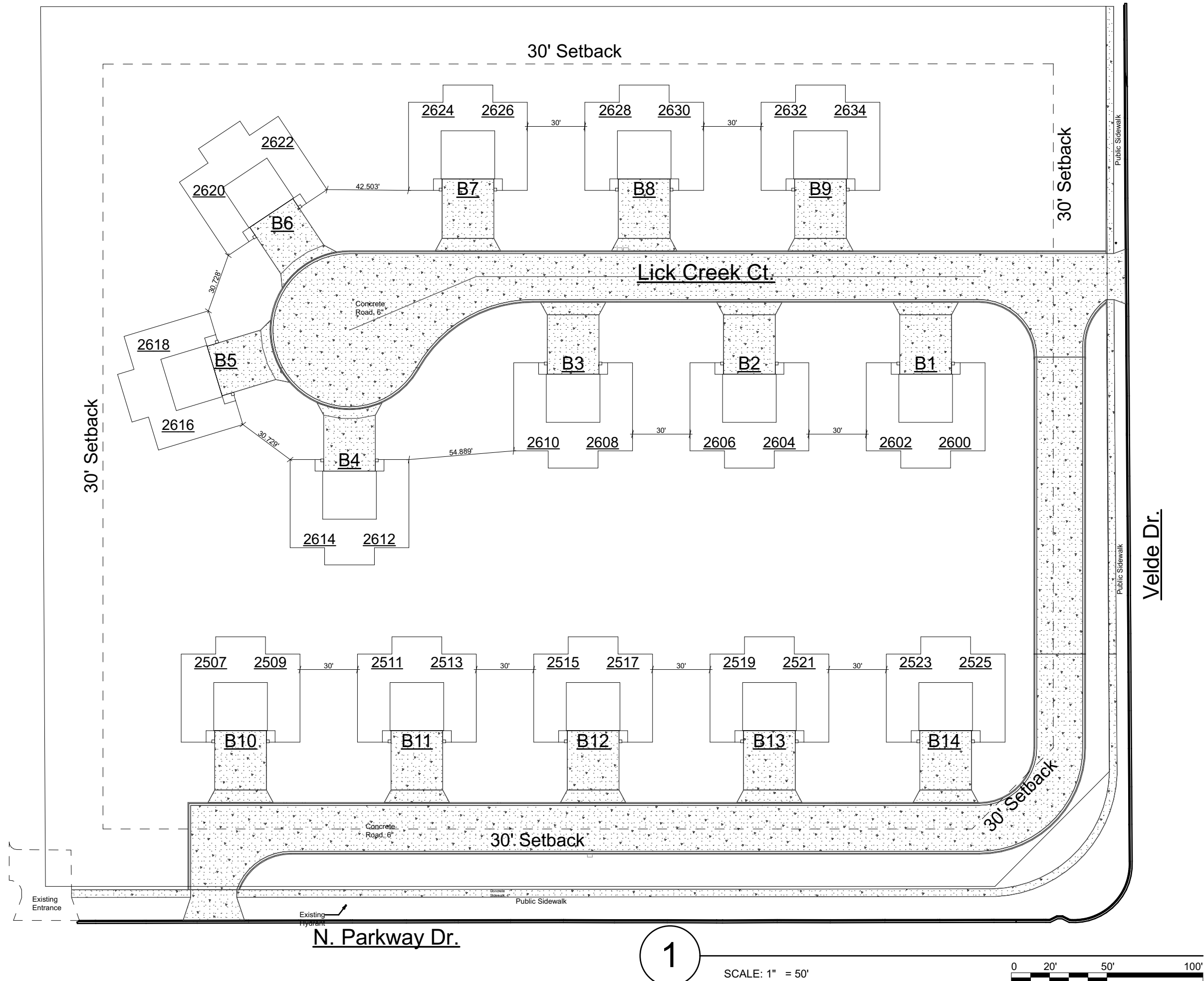
Tazewell County GIS



- | | | | | | |
|--|-------|--|--------|--|---------|
| | I-155 | | IL 29 | | US 24 |
| | I-474 | | IL 98 | | Streets |
| | I-74 | | US 150 | | |

Tazewell County GIS parcel and map records contained herein are for property tax purposes only. This information has been compiled from the most accurate source data from the public records of Tazewell County. This information must be accepted and used with the understanding that the data was collected primarily for the use and purpose of creating a Property Tax Roll per Illinois Statute. The information contained herein is for reference purposes only, and should not be relied upon as a substitute for a title search. Any reliance on the information contained herein is at the user's own risk. The Tazewell County GIS assumes no responsibility for any use of the information contained herein or any loss resulting therefrom. Users of Tazewell County GIS site assume all risk and liability when accessing any third-party site linked to this site. All data is subject to change.





GENERAL CONTRACTOR:

Hornecker Construction, Inc.
42 Oakhill Ct.
Pekin, IL 61554
jeff.horn@outlook.com
309-696-3349

PROJECT:

Multi Units
Parkway Dr. Duplexes
N. Parkway/Velde Dr.
Pekin, IL 61554

OWNER:

Hornecker Properties, LLC.
42 Oakhill Ct.
Pekin, IL 61554

MODEL FILE:

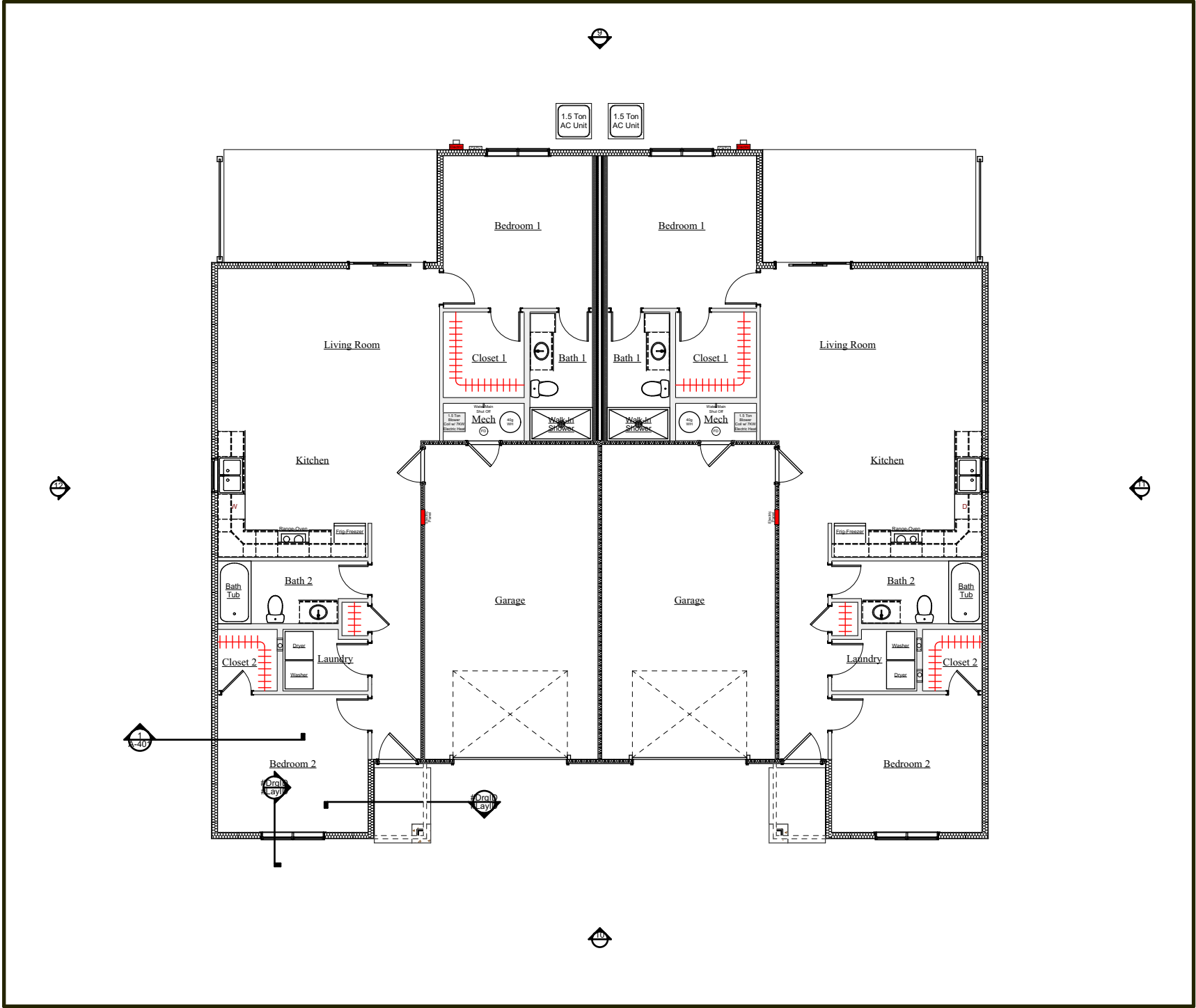
2022-07-14_Drawing.pln

DRAWN BY:

Jeffrey L. Hornecker

Site Plan

A-101



1
A-104

Floor Plan-Duplex
SCALE: 3/32" = 1'-0"

GENERAL CONTRACTOR:

Hornecker Construction, Inc.
42 Oakhill Ct.
Pekin, IL 61554
jeff.horn@outlook.com
309-696-3349

PROJECT:

Multi Units
Parkway Dr. Duplexes
N. Parkway/Velde Dr.
Pekin, IL 61554

OWNER:

Hornecker Properties, LLC.
42 Oakhill Ct.
Pekin, IL 61554

MODEL FILE:

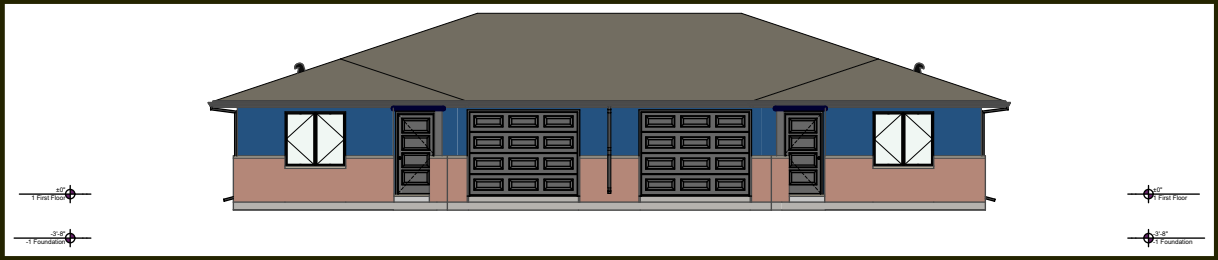
2022-07-14_Drawing.pln

DRAWN BY:

Jeffrey L. Hornecker

Floor Plan-Duplex

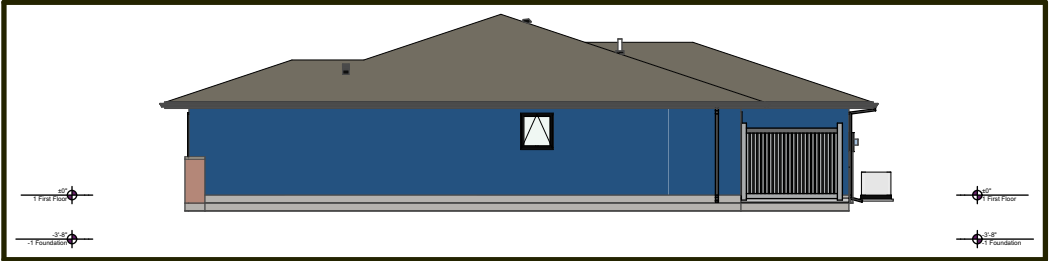
A-104



2
A-201

Front Elevation-Duplex

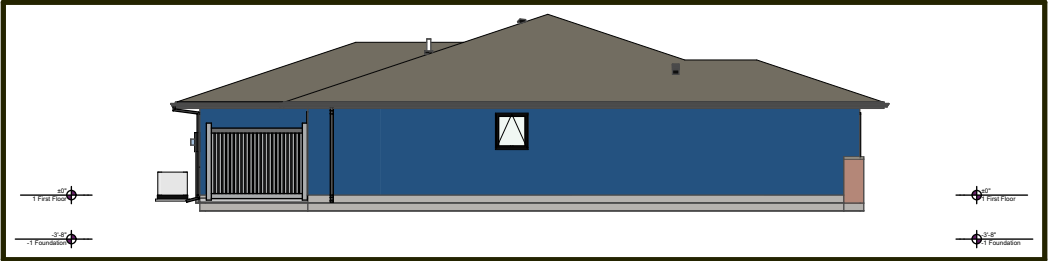
SCALE: 1/16" = 1'-0"



3
A-201

Right Elevation-Duplex

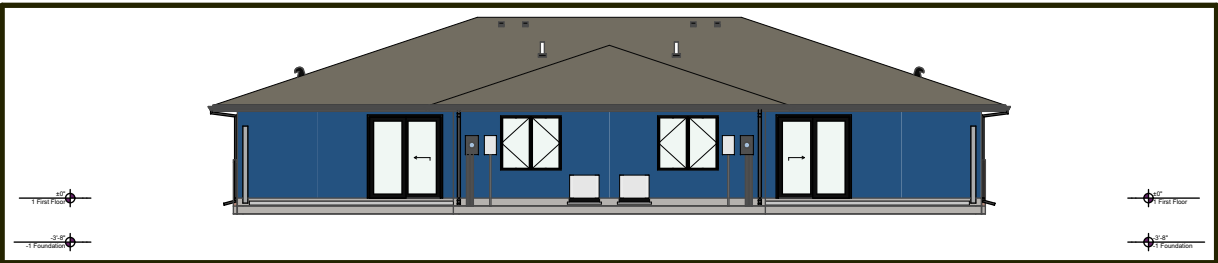
SCALE: 1/16" = 1'-0"



4
A-201

Left Elevation-Duplex

SCALE: 1/16" = 1'-0"



1
A-201

Rear Elevation-Duplex

SCALE: 1/16" = 1'-0"

GENERAL CONTRACTOR:
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42 Oakhill Ct.
Pekin, IL 61554
jeff.horn@outlook.com
309-696-3349

PROJECT:
Multi Units
Parkway Dr. Duplexes
N. Parkway/Velde Dr.
Pekin, IL 61554

OWNER:
Hornecker Properties, LLC.
42 Oakhill Ct.
Pekin, IL 61554

MODEL FILE:
2022-07-14_Drawing.pln

DRAWN BY:
Jeffrey L. Hornecker

Elevations-Duplex
A-201



David Bess
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Zoning Board of Appeals Review Sheet August 10, 2022

Case RZ 2022-05

A rezoning request by the City of Pekin for property located on 14th Street to amend zoning to OS-1 Office Service District. Said property is currently zoned R-4 One Family Residential with a legal description of Lots 1 through 5 of Firehouse Subdivision Final Plat, situated in the City of Pekin. This request includes the following PINs: 04-04-35-223-046, 04-04-35-223-047, 04-04-35-223-048, 04-04-35-223-049, and 04-04-35-223-050, in Tazewell County, Illinois.

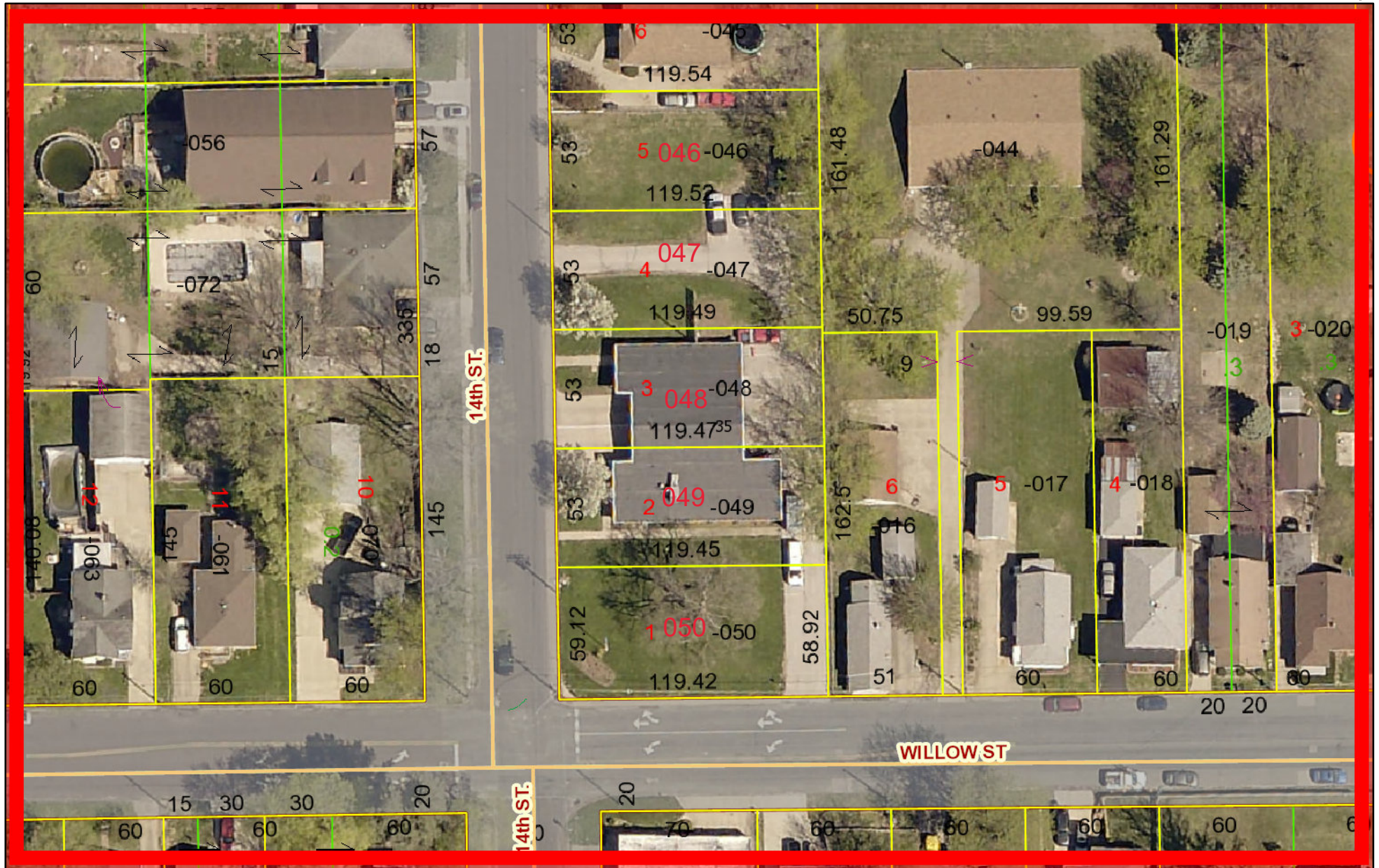
SUMMARY

A City of Pekin fire station is located on the parcels identified in this item. The City is exchanging the identified parcels for additional land to be utilized for construction of a future replacement fire station to replace the aforementioned existing station. As part of this exchange, the receiving owner of the identified parcels would like to utilize the existing fire station structure for uses allowed by OS-1 and thus the City is pursuing the rezoning of these parcels to facilitate that transaction.

STAFF NOTES

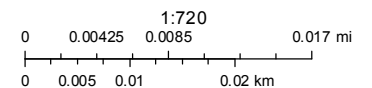
The new owner of the parcels intends to preserve the existing fire station structure for use as an OS-1 business property. The surrounding parcels are zoned R-4 One Family Residential. Two instances OS-1 zoning surrounded by R-4 in the general area was observed by staff including 1715 Dragon Drive and 904 10th Street.

Tazewell County GIS



- I-155
- I-474
- I-74
- IL 29
- IL 98
- US 24
- Streets
- US 150

Tazewell County GIS parcel and map records contained herein are for property tax purposes only. This information has been compiled from the most accurate source data from the public records of Tazewell County. This information must be accepted and used with the understanding that the data was collected primarily for the use and purpose of creating a Property Tax Roll per Illinois Statute. The information contained herein is for reference purposes only, and should not be relied upon as a substitute for a title search. Any reliance on the information contained herein is at the user's own risk. The Tazewell County GIS assumes no responsibility for any use of the information contained herein or any loss resulting therefrom. Users of Tazewell County GIS site assume all risk and liability when accessing any third-party site linked to this site. All data is subject to change.





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Zoning Board of Appeals Review Sheet August 10, 2022

Case RZ 2022-06

A special use request by Trajectory Energy Partners to utilize property located at 300 and 310 Hanna Drive to establish a commercial solar farm. Said property is currently zoned I-1 Light Industrial District with a legal description of SEC 10 T24N R5W RIVERWAY BUSINESS PARK 3RD ADD FINAL PLAT LOT 1 N 1/2 SE 1/4 15 AC, with the following PIN: 10-10-10-400-006, in Tazewell County, Illinois.

SUMMARY

This item has been pulled from the agenda and will be revisited at a later meeting date.

STAFF NOTES

No additional staff notes.