



Commission of Architectural Review SUBMISSION APPLICATION

City of Richmond, Room 510 – City Hall
900 East Broad Street, Richmond, Virginia 23219
PHONE: (804) 646-6335 FAX: (804) 646-5789

12 COPIES OF SUPPORTING DOCUMENTATION ARE REQUIRED FOR PROCESSING YOUR SUBMISSION

LOCATION OF WORK: 3305 A&B 3307 A&B E. Marshall S.

DATE: 11-13-15

OWNER'S NAME: TTA Holding's, LLC

TEL NO.: 804-852-6003

AND ADDRESS: 10103 Satche Court

EMAIL: _____

CITY, STATE AND ZIPCODE: Fredericksburg, VA 22408

ARCHITECT/CONTRACTOR'S NAME: Zero "Punch-List", LLC

TEL. NO.: 804-382-1507

AND ADDRESS: 2521 Liberty Hill Road

EMAIL: zeropunchlist@comcast.net

CITY, STATE AND ZIPCODE: Powhatan, VA 23139

Would you like to receive your staff report via email? Yes ☒ No ☐

REQUEST FOR CONCEPTUAL REVIEW

☐ I hereby request Conceptual Review under the provisions of Chapter 114, Article IX, Division 4, Section 114-930.6(d) of the Richmond City Code for the proposal outlined below in accordance with materials accompanying this application. I understand that conceptual review is advisory only.

APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

☒ I hereby make application for the issuance of a certificate under the provisions of Chapter 114, Article IX, Division 4 (Old and Historic Districts) of the Richmond City Code for the proposal outlined below in accordance with plans and specifications accompanying this application.

DETAILED DESCRIPTION OF PROPOSED WORK (Required):

STATE HOW THE DESIGN REVIEW GUIDELINES INFORM THE DESIGN OF THE WORK

PROPOSED. (Include additional sheets of description if necessary, and **12 copies** of artwork helpful in describing the project. The 12 copies are not required if the project is being reviewed for an administrative approval. See *instruction sheet for requirements*.)

Please see attached sheets for greater detail of proposed work. Thank you.

Signature of Owner or Authorized Agent: X 

Name of Owner or Authorized Agent (please print legibly): Weston Eric Hinden

(Space below for staff use only)

Received by Commission Secretary

DATE NOV 17 2015 3:20

APPLICATION NO. _____

SCHEDULED FOR _____

Note: CAR reviews all applications on a case-by-case basis.

Revised 10-23-2015

3305 A&B
3307 A&B
East Marshall Street
Richmond, VA 23233

11-12-15

“In Kind” exterior work proposed:

We seek the most expeditious method of approval for the following:

Replace the front 1st and 2nd floor porch system “in kind” with new materials. The footprint will remain the same with the exception of the following. The owner would like to delete the center portion of the 2nd floor system directly above the two middle doors located on the first floor as seen in document # 2. It is the intent to create a suitable smaller space for each 2nd floor unit/tenant and provide some separation/privacy at the same time. The smaller 2nd floor porch areas will be more neighborhood friendly and will afford more manageable gatherings on each porch space.

Additionally, the owner would like to rebuild the missing rear porch systems for each unit. We have attached a picture of the adjacent build’s porch system for reference as seen in document # 5. We would duplicate that style with new pressure treated materials but no roof would be constructed. It is the owner intent by not constructing a roof system to minimize gatherings and exterior “dry” storage areas that would be unsightly and unhealthy for the neighborhood. Documents 3&4 show the existing condition and the location where the porches use to be.

The remaining documents show and or describe how and where these porch systems will be constructed. Most notably, all three of these systems will be constructed or replaced “in kind” and will be anchored using galvanized through bolts and backing plates from the inside. Due to the wait times for painting pressure treated materials, the painting process of these porch systems will delayed @60 days after final construction and until the weather is permitting.

Any questions please call 804-382-1507 Weston E. Hinden

Continuation from page 1.

3305 A&B

11-12-15

3307 A&B

East Marshall Street

Richmond, VA 23233

"In Kind" exterior work proposed: Page 2

We seek the most expeditious method of approval for the following:

In addition to the front and rear porches noted on page one, we propose to change all the windows back to their original size and style. Wood sashes, double hung and no grills. We will use Jeld Wen mnfr. See attached spec sheets.

We also propose to reinstall two 2nd floor rear doors that are currently boarded up. Please see spec sheet for the REEB doors.

We also propose to "white wash", according to the mnfr recommendations, the front and rear porch systems upon completion. See spec sheet for additional information.

We also propose to paint all the existing white fascia, door and porch trims a gloss white. Please see Sherwin William's spec. sheet.

Since the standard "2x4, 2x2 & 2x6" railing system is less desirable, we propose to duplicate the Richmond Railing system for the upper guard and rail components. We will fabricate "in kind" pieces in our shop from pressure treated materials so the upper components match the desired look of the Richmond Rail system.

Any questions please call 804-382-1507 Weston Hinden



M305 A

M305 B

M305 C

M305 D

ANYTHING
TO DO
TIL 11:00 PM

"Proposed"

Zero "Punch-List", LLC
Construction Services
2521 Liberty Hill Road
Powhatan, VA 23139
804-382-1507

2

← opens →

mom 07 A

mom 07 B

mom 07 B

mom 07 A

East Marshall

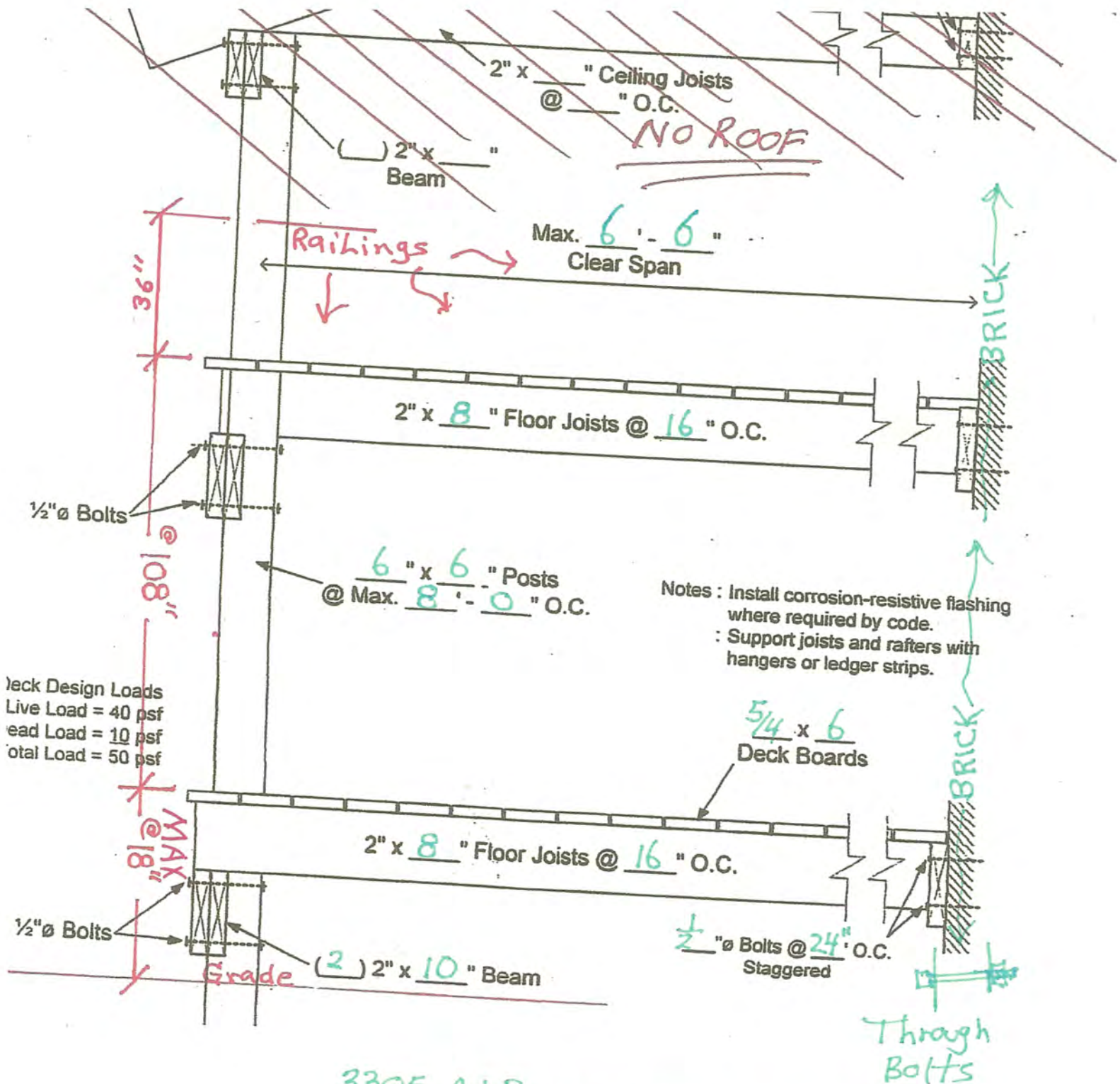
→ city







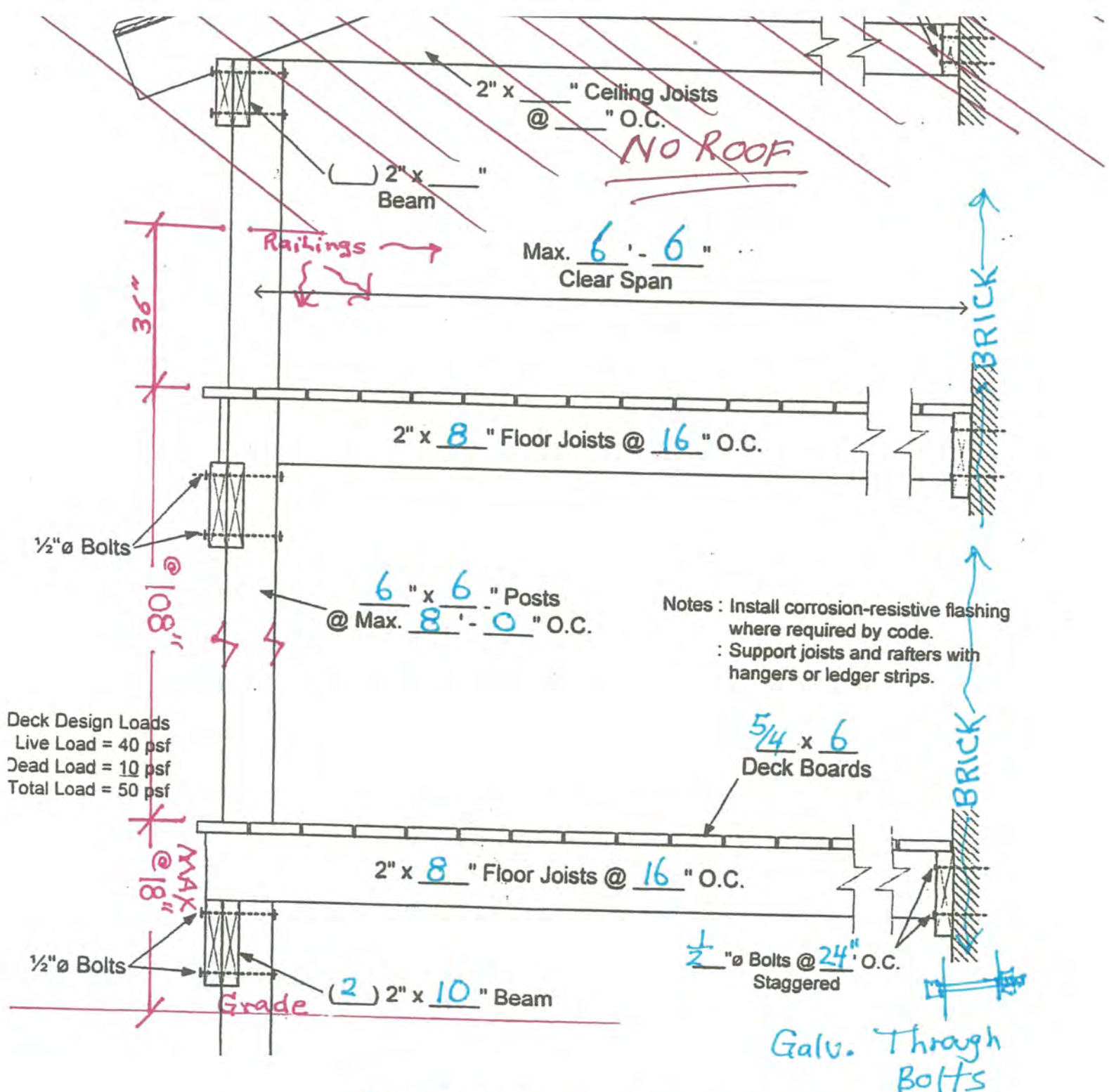




3305 A+B
 3307 A+B East Marshall ST. RIC VA 23233
Front 2 story Porch

* Replacement of existing

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3305 A+B
3307 A+B East Marshall ST. RIC VA 23233

Rear 2 story Porch.

- * 6'6" x 13'6"
- * @ 7.75" risers (14)
- * 2" x 12" treads
- * 2" x 6" guardrails
- * 2" x 4" rails
- * 2" x 2" balusters

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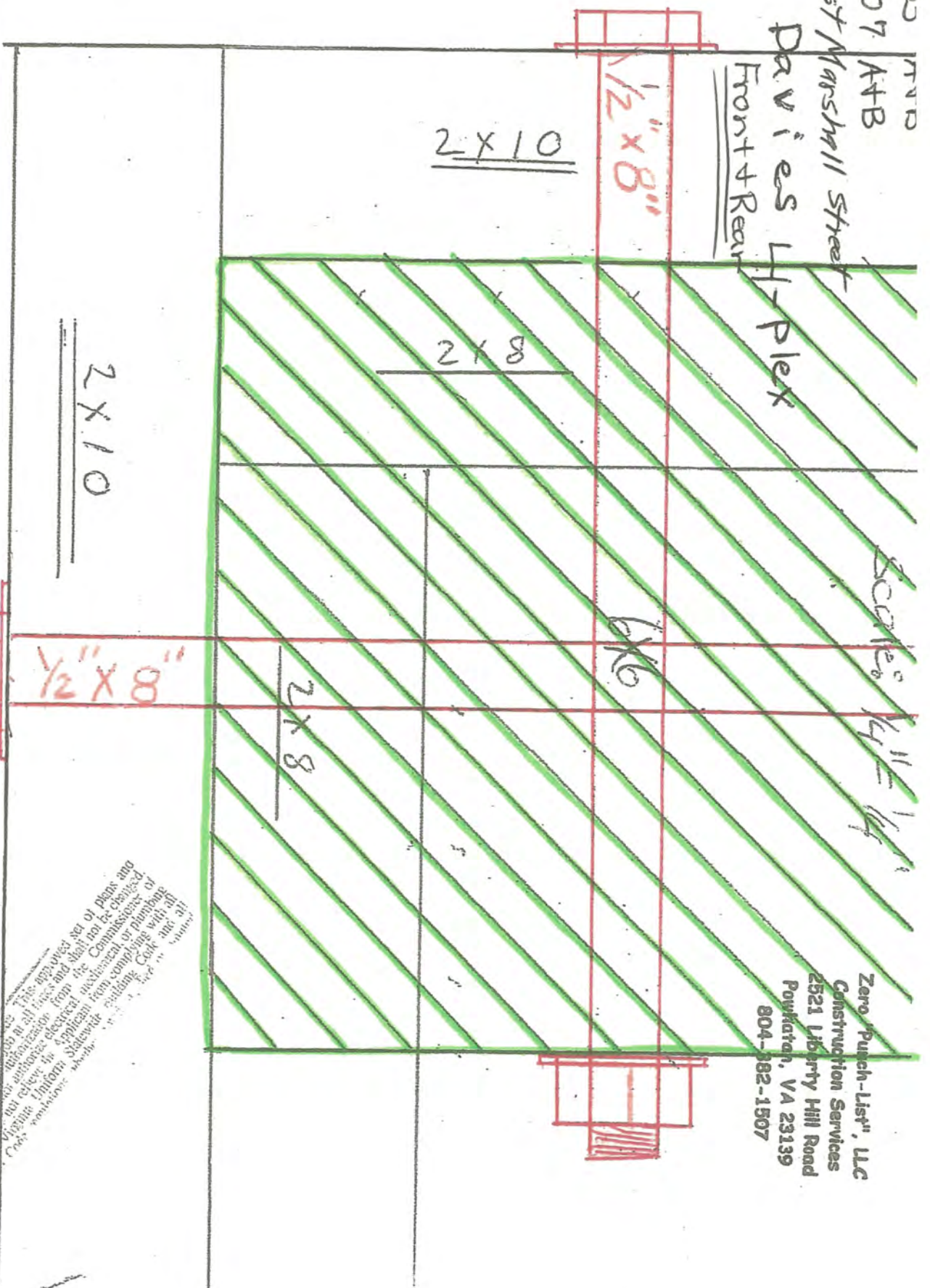
3307 A+B
East Marshall Street

David's 4-plex

Front + Rear

Escalator 1/4" = 1/4"

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2x10

2x8

2x10

2x8

1/2" x 8"

6x6

6" x 6" PT
2" x 8" PT
2" x 10 PT
Max 16" oc.
Top View of all 6x6 posts

2" x 10 PT
Band and joist anchoring.

THIS DOCUMENT IS THE PROPERTY OF ZERO "PUNCH-LIST", LLC. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF ZERO "PUNCH-LIST", LLC. THE USER OF THIS DOCUMENT AGREES TO HOLD ZERO "PUNCH-LIST", LLC HARMLESS FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, THAT MAY BE ASSERTED AGAINST OR INCURRED BY ZERO "PUNCH-LIST", LLC, ITS OFFICERS, DIRECTORS, EMPLOYEES, OR AGENTS, IN CONNECTION WITH THE USE OF THIS DOCUMENT. THE USER OF THIS DOCUMENT RELEASES, DEFENDS, AND AGREES TO HOLD ZERO "PUNCH-LIST", LLC HARMLESS FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES, AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES, THAT MAY BE ASSERTED AGAINST OR INCURRED BY ZERO "PUNCH-LIST", LLC, ITS OFFICERS, DIRECTORS, EMPLOYEES, OR AGENTS, IN CONNECTION WITH THE USE OF THIS DOCUMENT.

3300 TND
3307 A+B

East Marshall Street

Davies 4-Plex
Front + Rear

Side View

Scale $\frac{1}{4}" = \frac{1}{2}'$

6x6" PT

2x2

Existing Brick Wall

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2x8 Joist

2x10 Beam

APPROVED FOR CONSTRUCTION
BY THE BUILDING CODE OFFICE
ON 08/11/2011 FOR THE PROJECT
NO. 2011-0001. THIS APPROVAL IS
FOR THE CONSTRUCTION OF THE
PROJECT ONLY AND DOES NOT
CONSTITUTE A GUARANTEE OF
THE ACCURACY OF THE INFORMATION
PROVIDED. THE BUILDING CODE
OFFICE IS NOT RESPONSIBLE FOR
ANY DAMAGE TO PERSONS OR
PROPERTY CAUSED BY THE
CONSTRUCTION OF THE PROJECT.

1/2" x Through Bolts →

1/2" x Through Bolts →

1/2" Spacer

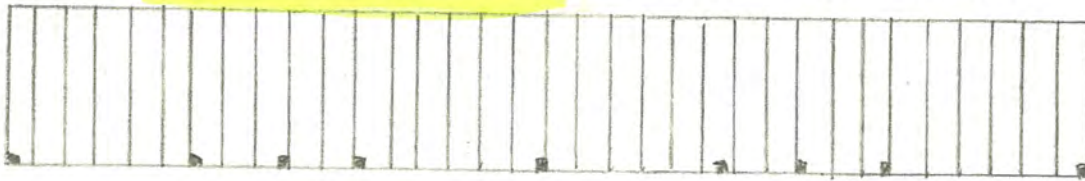
3305 A+B East Marshall Street
3307 A+B

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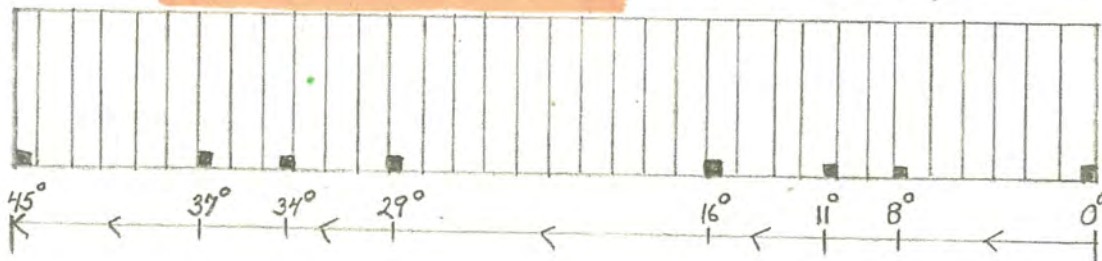
2nd Floor "Proposed" Porch *2x8 Joists @ 16" O.C.
*6x6 posts



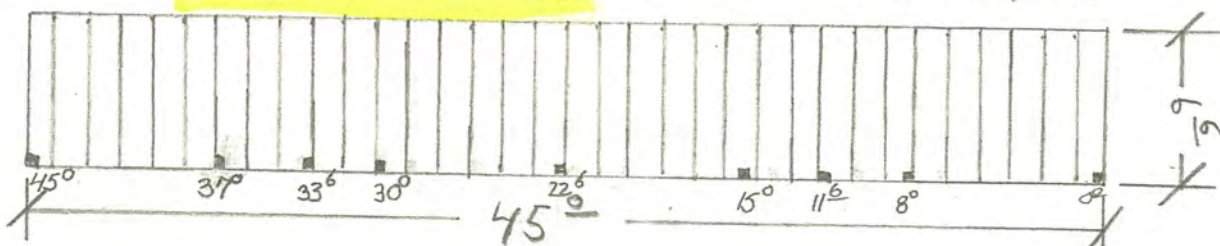
2nd Floor "Existing" Porch *2x6 Joists @ 16" O.C.
*4x4 Posts



1st Floor "Proposed" Porch *2x8 Joists @ 16" O.C.
*6x6 posts



1st Floor "Existing" Porch *2x6 Joists @ 16" O.C.
*4x4 posts



3305 A+B

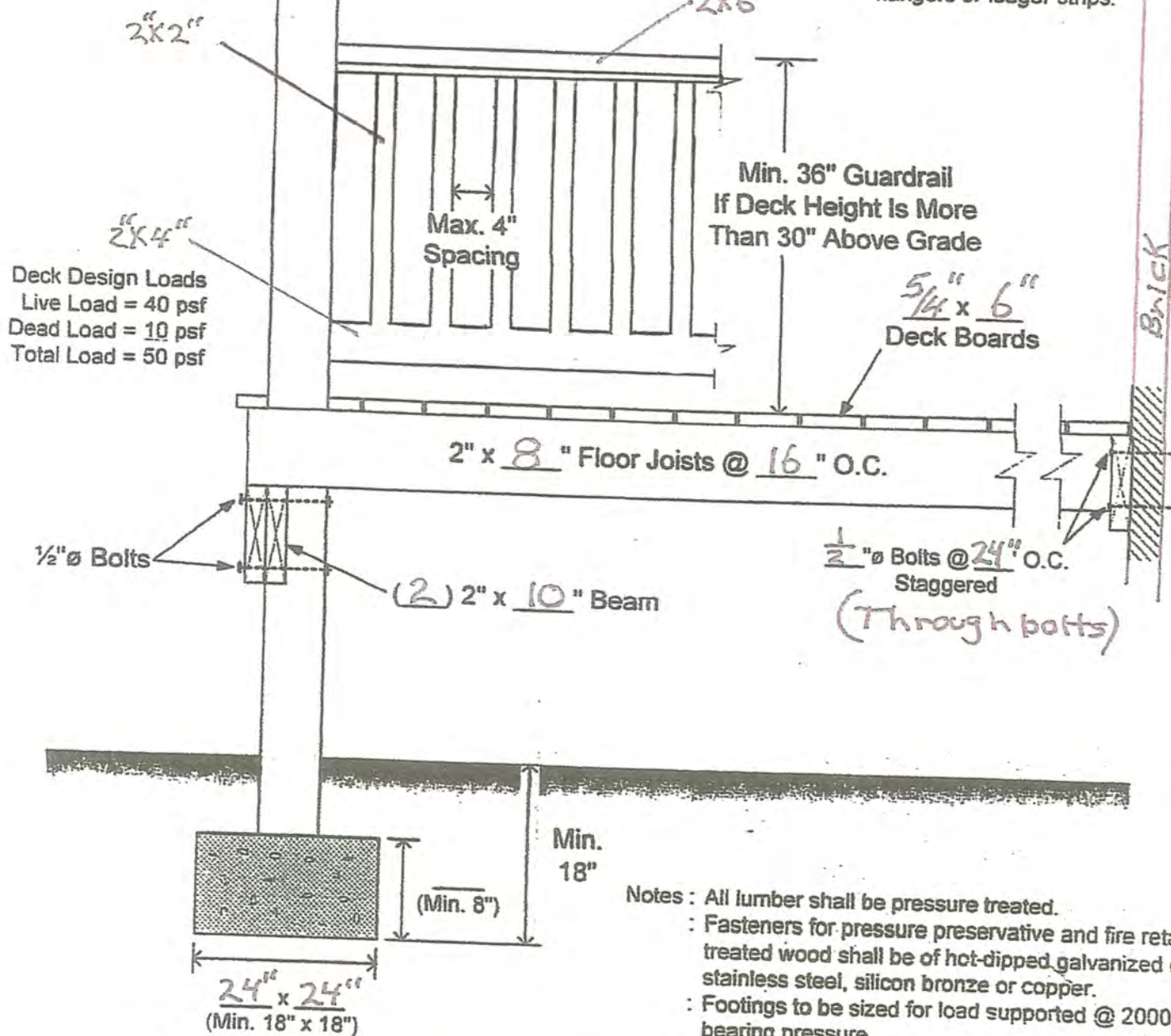
3307 A+B

East Marshall St.

Front +
* Rear Porch(x2)

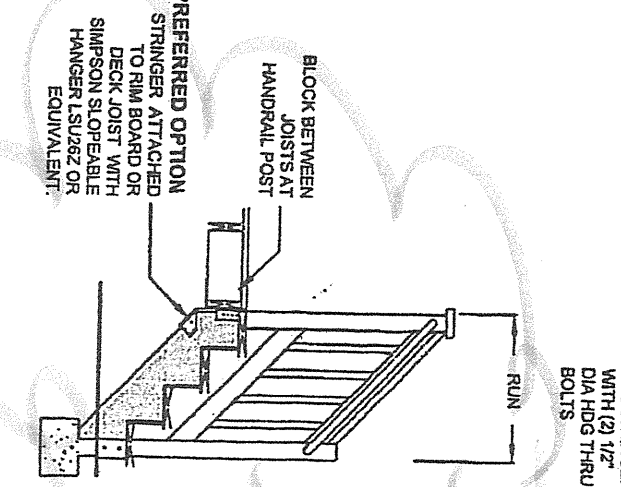
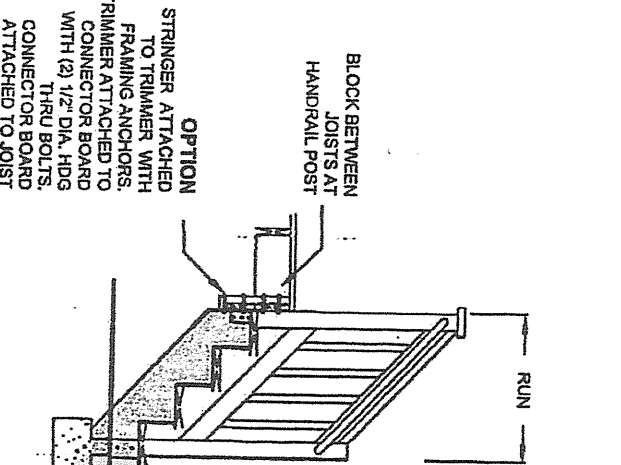
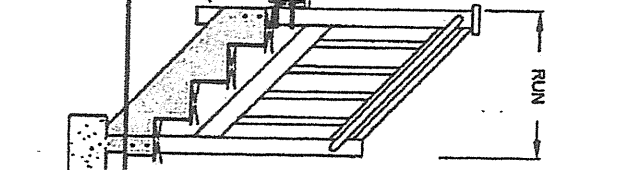
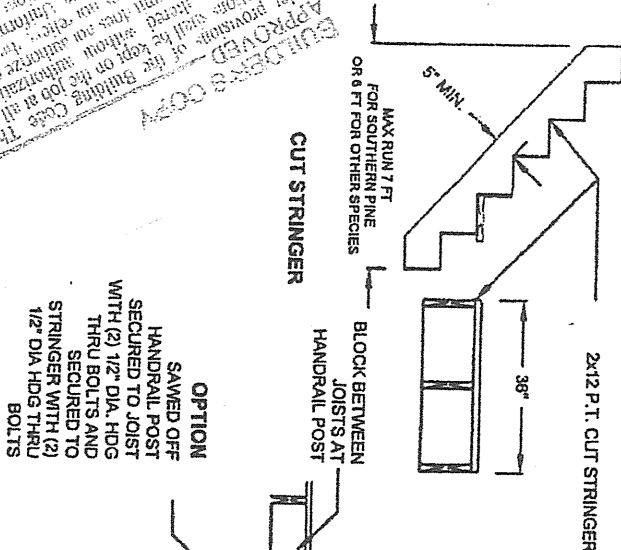
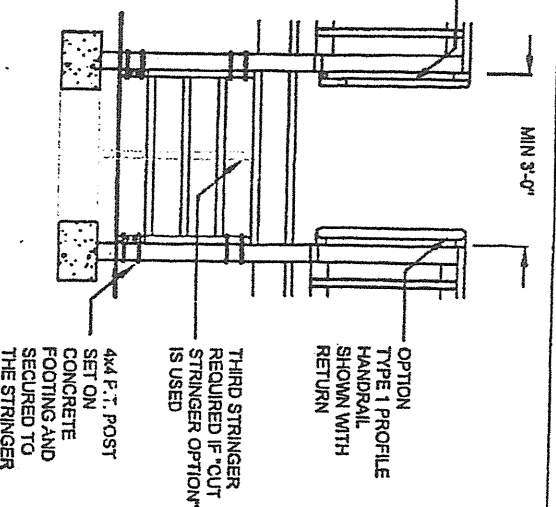
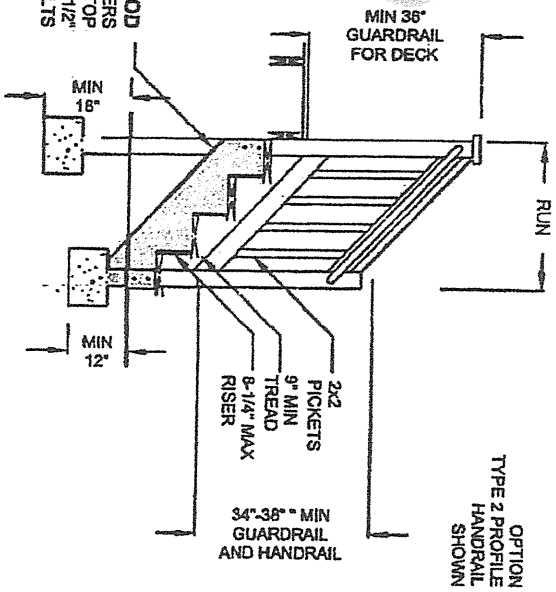
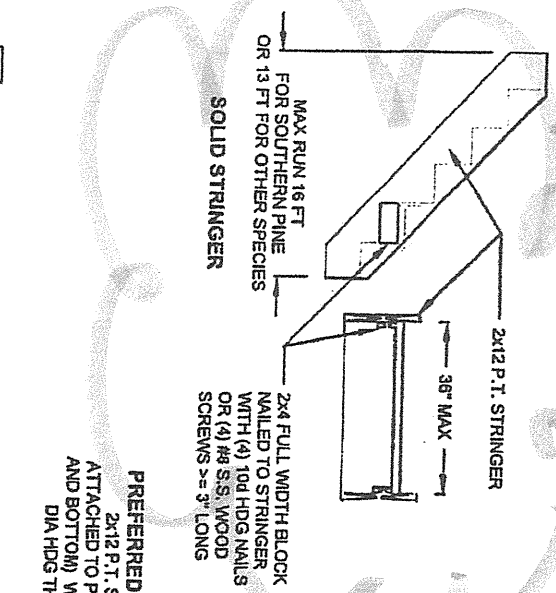
1st + 2nd floors
See pic of
adjacent 4-plex

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804-382-1507



STAIR DETAILS

This approved set of plans and specifications of the building shall be kept on the job at all times and shall not be changed without the approval of the architect. The approved set of plans and specifications shall be kept on the job at all times and shall not be changed without the approval of the architect. The approved set of plans and specifications shall be kept on the job at all times and shall not be changed without the approval of the architect.



STAIR REQUIREMENTS (MOST OF THESE REQUIREMENT ARE ALSO APPLICABLE FOR RAMPS.)

RISERS:

1. THE MAXIMUM RISER HEIGHT IS 6-1/4". THE MAXIMUM VARIATION BETWEEN THE TALLEST AND SHORTEST RISER IS 3/8".
2. OPEN RISERS ARE ALLOWED AS LONG AS THE OPENINGS DO NOT EXCEED 4"

TREADS

1. THE MINIMUM TREAD WIDTH IS 9". THE MAXIMUM VARIATION IN TREAD WIDTHS BETWEEN THE WIDEST AND NARROWEST IS 3/8".
2. THE TREAD NOSING SHALL PROJECT AT LEAST 3/4" AND NOT MORE THAN 1-1/4" BEYOND ANY SOLID RISER.

STRINGERS

1. ALL STRINGERS SHALL BE A MINIMUM OF 2x12 P.T. MATERIAL.
2. IF THE STRINGER IS FABRICATED BY CUTTING NOTCHES FOR THE RISERS AND TREADS, THREE STRINGERS SHALL BE PROVIDED. NOTE: DO NOT OVER CUT NOTCHES.
3. IF THE STRINGER IS FABRICATED FROM UNCLUT 2x12, TWO STRINGERS ARE REQUIRED.
4. STRINGERS SHALL NOT SPAN MORE THAN THE DIMENSIONS SHOWN, OTHERWISE, AN INTERMEDIATE POST IS REQUIRED. THE POST SHALL BE SUPPORTED ON A CONCRETE FOOTING AT LEAST 12" DEEP. THE STRINGER SHALL BE ATTACHED TO THE POST WITH (2) 1/2" DIA HDG THRU BOLTS.

GUARDRAILS FOR STAIRS

1. A GUARDRAIL IS AN ASSEMBLY COMPRISED OF THE FOLLOWING COMPONENTS:
 - A GUARDRAIL CAP, TYPICALLY A 2x6 OR 5/4 BOARD LAID FLAT
 - TOP AND BOTTOM RAILS TO WHICH THE PICKETTS ARE ATTACHED.
 - (GUARD) POSTS
 - AND THE PICKETTS
2. GUARDRAILS ARE REQUIRED WHERE THE DISTANCE FROM THE WALKING SURFACE TO GRADE IS MORE THAN 30" TREAD.
3. THE TOP OF THE GUARDRAIL CAP MUST BE BETWEEN 34" AND 38" WHERE MEASURED FROM THE NOSING OF THE TREAD.
4. THE BOTTOM RAIL MUST BE LOCATED SO THAT A 6" SPHERE CANNOT PASS BETWEEN THE TRIANGLE FORMED BY THE RISER, TREAD AND BOTTOM RAIL.
5. THE GUARDS SHALL BE ABLE TO WITHSTAND A LOADING OF 200# IN ANY DIRECTION.

HANDRAILS (NOT TO BE CONFUSED WITH GUARDRAILS)

1. A HANDRAIL (TYPE 1 OR TYPE 2 PROFILE) IS REQUIRED ON AT LEAST ONE SIDE OF THE STAIR WHEN THERE ARE MORE THAN THREE RISERS.
2. THE HANDRAIL SHOULD BE MOUNTED BETWEEN 34" AND 38" ABOVE THE NOSING OF THE TREAD.
3. HANDRAILS HAVE TO "RETURN" TO THE POST OR WALL.

FOOTINGS

1. THE POST AT THE BOTTOM OF THE STRINGER MUST BE SET ON A CONCRETE FOOTING AT LEAST 12" IN DEPTH.

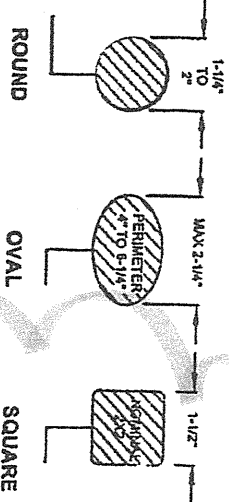
CONNECTIONS

1. THE BOTTOM OF P.T. STRINGERS SHALL BE ATTACHED TO EACH P.T. POST WITH (2) 1/2" DIA. HDG THRU BOLTS.
2. THE TOP OF P.T. STRINGERS SHALL BE ATTACHED WITH HDG MECHANICAL FASTENERS AND HDG THRU BOLTS TO EITHER:
 - A P.T. POST EMBEDDED IN THE GROUND ON A FOOTING (PREFERRED).
 - A SAW CUT POST.
 - A RIM BOARD.
 - OR DECK JOIST.

LANDINGS

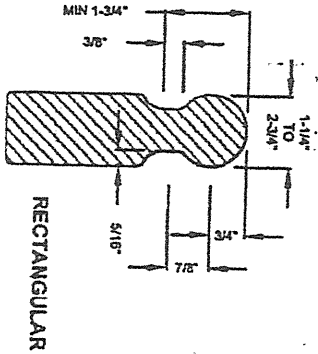
1. WHEN A STAIRWAY EXCEEDS A VERTICAL HEIGHT OF 12', AN INTERMEDIATE LANDING SHALL BE PROVIDED.
2. LANDINGS SHALL BE AS WIDE AS THE STAIR WIDTH (TYPICALLY 36").

STAIR DETAILS



TYPE 1 HANDRAIL PROFILE

HANDRAILS WITH A CIRCULAR CROSS-SECTION SHALL HAVE AN OUTSIDE DIAMETER OF AT LEAST 1-1/4" AND NOT GREATER THAN 2". IF THE HANDRAIL IS NOT CIRCULAR, IT SHALL HAVE A PERIMETER OF AT LEAST 4" AND NOT GREATER THAN 6-1/4" WITH A MAXIMUM CROSS SECTION OF 2-1/4"

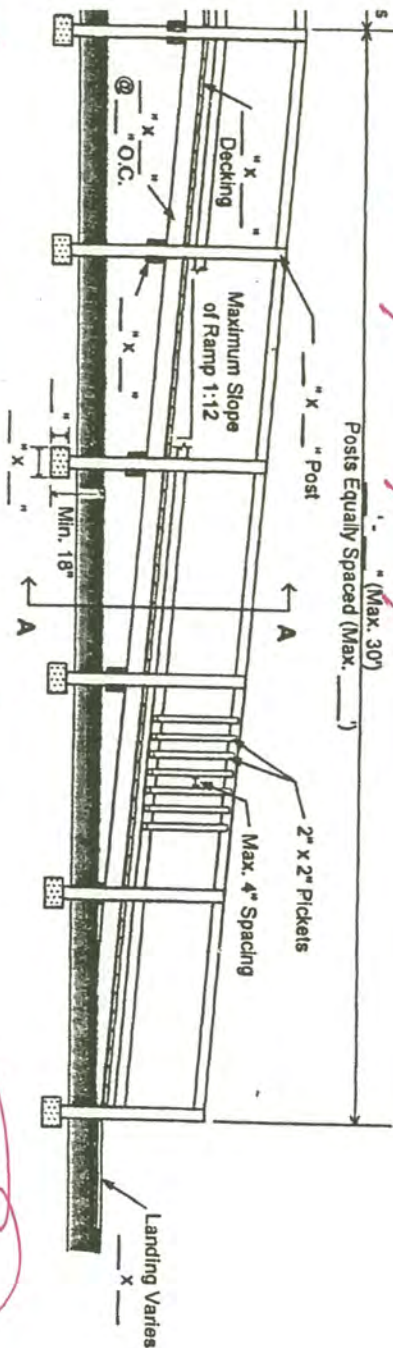


TYPE 2 HANDRAIL PROFILE

HANDRAILS WITH A PERIMETER GREATER THAN 6-1/4" SHALL PROVIDE A GRASPABLE FINGER RECESS ON BOTH SIDES OF THE PROFILE. THE FINGER RECESS SHALL:
1. BEGIN WITHIN A DISTANCE OF 3/4" MEASURED VERTICALLY FROM THE TALLEST PORTION OF THE PROFILE AND
2. ACHIEVE A DEPTH OF AT LEAST 5/16" WITHIN 7/8" BELOW THE WIDEST PORTION OF THE PROFILE. THE REQUIRED DEPTH SHALL CONTINUE FOR AT LEAST 3/8" TO A LEVEL THAT IS NOT LESS THAN 1-3/4" BELOW THE TALLEST PORTION OF THE PROFILE. THE MINIMUM WIDTH OF THE HANDRAIL ABOVE THE RECESS SHALL BE 1-1/4" TO A MAXIMUM OF 2-3/4" EDGES SHALL HAVE A MINIMUM RADIUS OF .01"

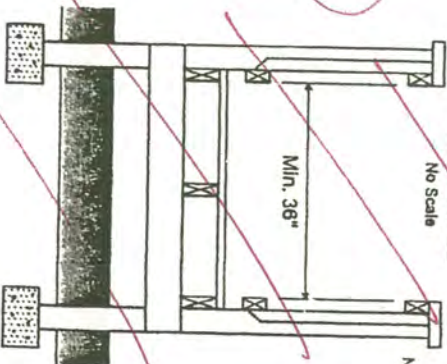
Standard Ramp Details

No Scale



Section A-A

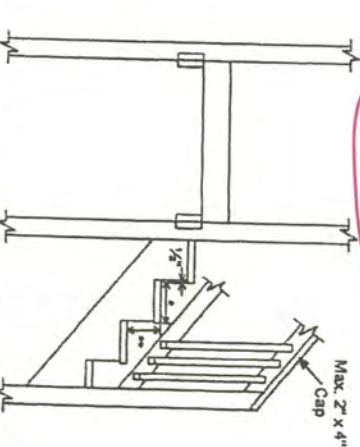
No Scale



Note: Install Handrails as Required per Code

Step Detail

No Scale



Notes: * Min. Tread - 9\" in Single Family Dwellings
 - 11\" in Commercial
 * Max. Riser - 8 1/2\" in Single Family Dwellings
 - 7\" in Commercial

GAH 602

Notes: Footings to be sized for load supported @ 2000 psf bearing pressure
 : Freestanding decks to be braced as required for lateral stability.
 : All lumber shall be pressure treated.
 : Fasteners for pressure preservative and fire retardant treated wood shall be of silicon bronze or copper.

Deck Design Loads
 Live Load = 40 psf
 Dead Load = 10 psf
 Total Load = 50 psf

Rear Porch

3305 A+B East Marshall St.
 3307 A+B RIC VA 23233

* 2x12 outer stringer (solid)
 * 2x10 inner stringer (cut)
 * 36\" wide
 * 2x12 Tread
 * 1/2\" Through bolted to posts
 * 24\" x 24\" Footing

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JELD-WEN
WINDOWS & DOORS
SECTION 08557
METAL CLAD WOOD WINDOWS
(JELD-WEN W-2500 Series)

Display hidden notes to specifier by using "Tools"/"Options"/"View"/"Hidden Text".

(Specifier Note: The purpose of this guide specification is to assist the specifier in correctly specifying JELD-WEN® W-2500 Series Metal-Clad Wood Windows and their installation. The specifier needs to edit these guide specifications to fit the needs of each specific project. Contact a JELD-WEN representative to assist in appropriate product selections. Throughout the guide specification, there are Specifier Notes to assist in the editing of the file. The term Architect is used throughout these guide specifications and may be revised to read "Design Professional", "Engineer", "Owner" or other appropriate designation as required for specific projects).

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Aluminum Clad Wood Windows of the Following Types: (JELD-WEN W-2500 Series)
 - 1. Awning windows.
 - 2. Casement windows.
 - 3. Double-hung windows.
 - 4. Fixed windows.

1.2 RELATED SECTIONS

- A. Section 07920 - Joint Sealants.

1.3 REFERENCES

- A. American Architectural Manufacturer Association (AAMA):
 - 1. ANSI/AAMA/NWDA 101/I.S.2 /NAFS; Voluntary Specifications for Aluminum, Vinyl (PVC) and Wood Windows and Glass Doors.
 - 2. AAMA 2603; Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
- B. National Fenestration Rating Council (NFRC):
 - 1. NFRC 100; Procedure for Determining Fenestration Thermal Properties.
 - 2. NFRC 200; Solar Heat Gain Coefficient and Visible Transmittance.
- C. Window & Door Manufacturers Association (WDMA):
 - 1. WDMA I.S.4; Water Repellent Preservative Non-Pressure Treatment for Millwork.

1.4 DESIGN REQUIREMENTS

- A. Provide windows complying with requirements indicated, based on testing manufacturer's window that are representative of those specified and that are of test size required by AAMA/WDMA/CSA/101/I.S.2/A440.
- B. Structural Requirements: Provide windows complying with requirements indicated:
 - 1. Design pressure: As indicated on drawings.
 - 2. Design pressure: _____.

- C. NFRC Requirements:
 - 1. Provide windows complying with the following total window ratings:
 - a. U-Factor: _____ in accordance with NFRC 100.
 - b. Solar Heat Gain Coefficient (SHGC): _____ in accordance with NFRC 200.
 - c. Visible Transmittance (VT): _____ in accordance with NFRC 200.

1.5 SUBMITTALS

- A. Submit under provisions of Section
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation methods.
- C. Shop Drawings: Submit shop drawings indicating details of construction, flashings and relationship with adjacent construction.
- D. Verification Samples: For each finish product specified, two samples, minimum size 6 inches (150 mm) square, representing actual product, color, and patterns.
- E. Quality Assurance Submittals:
 - 1. Design Data, Test Reports: Provide manufacturer test reports indicating product compliance with indicated requirements.
- F. Closeout Submittals: Refer to Section

1.6 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum 2 years installing similar assemblies.
- B. Mock-Up: Provide a mock-up for evaluation of installation techniques and workmanship.
 - 1. Window mock-up shall incorporate surrounding construction, including wall assembly fasteners, flashing, and other related accessories installed in accordance with window manufacturer's approved installation methods.
 - 2. Do not proceed with remaining work until workmanship is approved by Architect.
 - 3. Rework mock-up as required to produce acceptable work.
 - 4. Mock-up may not remain as part of the work.
 - 5. Mock-up may remain as part of the work.
- C. Pre-installation Meeting: Conduct pre-installation meeting on-site two weeks prior to window installation start.

1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver windows materials and components in manufacturer's original, unopened, undamaged containers with identification labels intact.
- B. Store windows as recommended by manufacturer.

1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.

1.9 WARRANTY

- A. Manufacturer standard warranty indicating that the window unit will be free from material and workmanship defects from the date of substantial completion for the time periods indicated below:
 - 1. Window Unit: 20 years.
 - 2. Clad Finishes: 10 years against peeling, checking, cracking caulk or color change.
 - 3. Insulated Glass: 20 years against seal breakage.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: JELD-WEN, Inc., which is located at: 3737 Lakeport Blvd.; Klamath Falls, OR 97601; Toll Free Tel: 888-535-3936; Tel: 541-850-2606; Fax: 541-851-4333; Web: www.jeld-wen.com
- B. Requests for substitutions will be considered in accordance with provisions of Section

2.2 MANUFACTURED UNITS

- A. Basis of Design: Windows are based on JELD-WEN W-2500 Wood Windows.

2.3 MATERIALS

- A. Exterior Wood: Western Pine, preservative treated with AuraLast in accordance with WDMA I.S.4.
- B. Interior Wood: Western Pine.

2.4 MANUFACTURED UNITS

- A. Frame:
 - 1. Select kiln-dried pine AuraLast treated wood.
 - 2. Cladding: 0.045 to 0.060 inch (1.27 to 1.52 mm) extruded aluminum.
 - 3. Jamb Width: 4-9/16 inch (116mm).
- B. Sash:
 - 1. Select kiln-dried pine AuraLast treated wood.
 - 2. Cladding: 0.024 inch (0.61mm) roll-formed aluminum.
 - 3. Sash Thickness - Awning Windows: 1-11/32 inches (34 mm)
 - 4. Sash Thickness - Casement Windows: 1-11/32 inches (34 mm)
 - 5. Sash Thickness - Double-Hung Wood Traditional 1-9/32 inches (33 mm).
 - 6. Sash Thickness - Double-Hung: 1-11/32 inches (34 mm). Standard.
 - 7. Sash Thickness - Transom 1-7/16 inches (37 mm).
 - 8. Sash Thickness - Double-Hung picture windows are direct sets.
- C. Exterior Trim:
 - 1. Nailing Fin: Integral extruded aluminum on all four sides of frame.
 - 2. Provide mullion cap.
- D. Factory Applied Extension Jambs: Provide on four sides of frame interior.
 - 1. Awning Windows: From 3-3/16 inches up to 10-9/16 inches (81 mm to 268 mm) as scheduled or indicated.
 - 2. Casement Windows: From 3-3/16 inches up to 10-9/16 inches (81 mm to 268 mm) as scheduled or indicated.
 - 3. Fixed Windows: From 3-3/16 inches up to 10-9/16 inches (81 mm to 268 mm) as scheduled or indicated.
 - 4. Double-Hung Windows: From 4-9/16 inches up to 10-9/16 inches (116 mm to 268 mm) as scheduled or indicated.

- E. Weatherstripping:
 - 1. Awning: Rigid vinyl leaf at top and sides of sash. TPE bulb at frame.
 - 2. Casement: Rigid vinyl leaf at top and sides of sash. TPE bulb at frame.
 - 3. Double-hung: Foam filled bulb at top and bottom, Flexible TPE bulb at check rail.
- F. Hardware:
 - 1. Awning Windows and Casement Windows as scheduled or indicated.
 - a. Hinges: Concealed.
 - b. Operator: Stainless Steel Dual Arm.
 - 1) Casement: Stainless steel dual arm or split arm.
 - 2) Awning: Stainless steel scissor type.
 - c. Lock: Concealed.
 - d. Handle Profile: Manual Folding Crank.
 - 2. Double-Hung:
 - a. Balance: Dual helical steel spring.
 - b. Lock: Cam Action.
- G. Glazing:
 - 1. Insulated Glass:
 - a. Two panes of glass utilizing a continuous roll formed stainless steel spacer and dual seal sealant.
 - b. Overall Nominal Thickness: 5/8 inch (15 mm).
 - 1) Sashed Picture Units: 5/8 inch (15 mm)
 - 2) Direct Set Picture And Transoms: 3/4 inch (19 mm).
 - c. Coating: Low-E on surface 2.

2.5 WINDOW ACCESSORIES

- A. Grilles:
 - 1. Simulated Divided Lites (SDL):
 - a. Exterior Muntins:
 - 1) Material: Extruded aluminum permanently applied to the exterior of the insulating glass unit.
 - 2) Width: 7/8 inch (22 mm).
 - 3) Finish: Match exterior cladding.
 - b. Interior Muntins:
 - 1) Material: Clear pine permanently bonded to the interior of the insulating glass unit.
 - 2) Width: Match exterior muntin.
 - 3) Finish: Match interior finish.
 - 2. Full Surround and KD Wood Grilles:
 - a. Material: Unfinished clear pine.
 - b. Pattern: Modified OGEE.
 - c. Width: 7/8 inch (22 mm).
 - 3. Grilles Between the Glass (GBG): Standard Sash Options.
 - a. Material: Made of roll formed aluminum suspended within the air cavity.
 - b. Profile: Flat 5/8 inch (16mm).
 - c. Profile: Contour 23/32 inch (18mm).
 - 4. Grilles Between the Glass (GBG): Traditional Sash Options.
 - a. Material: Made of roll formed aluminum suspended within the air cavity.
 - b. Profile: Flat 5/8 inch (16mm).
 - c. Profile: Contour 23/32 inch (18mm).

2.6 CONSTRUCTION ACCESSORIES

- A. Flashing:
 - 1. Refer to Section 04200 - Unit Masonry.

2. Refer to Section 07600 - Flashing and Sheet Metal.

B. Sealants:

1. Refer to Section 07920 - Joint Sealants.
2. Provide manufacturer recommended sealants maintain watertight conditions.
3. Products:

2.7 FABRICATION

A. General: Aluminum cladding overlapped at sash corners.

B. Awning Windows and Casement Windows:

1. Frame: Corner joints are injected with sealant over reinforced nylon corner lock.
2. Sash: Corner joints mortise-and-tenon, and mechanically fastened.
3. Glass: Mounted using silicone glazing compound.

C. Double-Hung Windows:

1. Frame: Reinforced nylon corner locks in head frame, and all corners injected with sealant.
2. Sash: Corner joints mortise-and-tenon, and mechanically fastened.
3. Glass: Mounted using silicone glazing compound.

2.8 FINISH

A. Exterior:

1. Frame: .045-.060 thick extruded aluminum cladding with thermo set polyester finish in accordance with AAMA #2603.
2. Sash: 0.024 inch thick roll-formed aluminum cladding with thermo set polyester finish.

PART 3 EXECUTION

3.1 EXAMINATION

A. Inspect window prior to installation. Inspect rough opening for compliance with window manufacturer recommendations. Verify rough opening conditions are within recommended tolerances.

3.2 PREPARATION

A. Prepare windows for installation in accordance with manufacturer's recommendations.

3.3 INSTALLATION

A. Install windows in accordance with manufacturer's installation guidelines and recommendations. Comply with manufacturer's published instructions for installation type. Install in proper relationship with adjacent work.

3.4 FIELD QUALITY CONTROL

A. Manufacturers' Field Services: Field inspections.

3.5 CLEANING

A. Remove Preserve film from glass. Clean the exterior surface and glass with mild soap and water.

3.6 PROTECTION

- A. Protect installed windows from damage.

3.7 SCHEDULES

- A. Window Type A:
 - 1. Style:
 - 2. Operation:
 - 3. Size:
 - 4. Exterior Finish:
 - 5. Interior Wood:
 - 6. Interior Finish:
 - 7. Exterior Trim:
 - 8. Extension Jamb:
 - 9. Hardware:
 - 10. Hardware Finish:
 - 11. Glazing:
 - 12. Grilles:
 - 13. Insect Screen:
 - 14. Screen Frame Finish:

END OF SECTION

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**SHERWIN
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102.20

SUPERPAINT®

Exterior Latex Gloss

A84-1100 Series

As of 06/30/2015, Complies with:			
OTC	Yes	LEED® 09 CI	N/A
SCAQMD	Yes	LEED® 09 NC	N/A
CARB	Yes	LEED® 09 CS	N/A
CARB SCM 2007	Yes	LEED® H	N/A
MPI	-	NGBS	N/A

CHARACTERISTICS

SuperPaint Exterior Latex Gloss, with improved resistance to early dirt pick up, provides outstanding performance on properly prepared aluminum and vinyl siding, wood, hardboard, masonry, cement, brick, block, stucco, and metal down to a surface and air temperature of 35°F.

VinylSafe™ Color Technology allows the use of many darker colors on vinyl siding that cannot be made in most other coatings.

Color: Most colors
To optimize hide and color development, always use the recommended P-Shape primer

Coverage: 350 - 400 sq ft/gal
@ 4 mils wet; 1.5 mils dry

Drying Time, @ 50% RH:
@ 35-45°F @ 45°F+

Touch: 2 hour 2 hours
Recoat: 24-48 hours 4 hours

Drying and recoat times are temperature, humidity, and film thickness dependent

Flash Point: N/A

Finish: 35-45 units @ 60°

Tinting with CCE:

Base	oz/gal	Strength
Extra White	0-5	100%
Deep Base	4-12	100%
Ultra Deep Base	4-12	100%
Light Yellow	4-12	100%

Vehicle Type: Acrylic

Extra White A84W01151

VOC (less exempt solvents):
<50 g/L; <0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 38 ± 2%

Weight Solids: 47 ± 2%

Weight per Gallon: 9.82 lb

WVP Perms (US) 13.1
grains/(hr ft² in Hg)

Mildew Resistant

This coating contains agents which inhibit the growth of mildew on the surface of this coating film.

SPECIFICATIONS

SuperPaint Exterior Latex Gloss can be self-priming when used directly over existing coatings, or bare drywall, plaster and masonry (with a cured pH of less than 8). The first coat acts like a coat of primer and the second coat provides the final appearance and performance. Please note that some specific surfaces require specialized treatment.

Aluminum & Aluminum Siding¹, Galvanized Steel¹, Vinyl Siding

2 cts. SuperPaint Exterior Latex

Concrete Block, CMU, Split Face Block

1 ct. Loxon Block Surfer

2 cts. SuperPaint Exterior Latex

Brick

1 ct. Loxon Conditioner²

2 cts. SuperPaint Exterior Latex

Cement Composition Siding/Panels

1 ct. Loxon Concrete & Masonry Primer²

or Loxon Conditioner²

2 cts. SuperPaint Exterior Latex

Stucco, Cement, Concrete

1 ct. Loxon Concrete & Masonry Primer²

2 cts. SuperPaint Exterior Latex

Plywood

1 ct. Exterior Latex Wood Primer

2 cts. SuperPaint Exterior Latex

Wood (Cedar, Redwood)³

1 ct. Exterior Oil-Based Wood Primer²

2 cts. SuperPaint Exterior Latex

¹ On large expanses of metal siding, the air, surface, and material temperatures must be 50°F or higher.

² Not for use at temperatures under 50°F. See specific primer label for that product's application conditions.

³ Knots and some woods, such as redwood and cedar, contain a high amount of tannin, a colored wood extract. For best results on these woods, use a coat of Exterior Oil-Based Wood Primer.

Other primers may be appropriate. Standard latex primers cannot be used below 50°F. See specific primer label for that product's application conditions.

When repainting involves a drastic color change, a coat of primer will improve the hiding performance of the topcoat color.

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with the appropriate primer/sealer.

Aluminum and Galvanized Steel

Wash to remove any oil, grease, or other surface contamination. All corrosion must be removed with sandpaper, wire brush, or other abrading method.

Cement Composition Siding/Panels

Remove all dirt, dust, grease, oil, loose particles, laitance, foreign material, and peeling or defective coatings. Allow the surface to dry thoroughly. If the surface is new, test it for pH, if the pH is higher than 8, prime with Loxon Concrete & Masonry Primer.



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SUPERPAINT[®]

Exterior Latex Gloss A84-1100 Series

SURFACE PREPARATION	SURFACE PREPARATION	CAUTIONS
<p>Masonry, Concrete, Cement, Block All new surfaces must be cured according to the supplier's recommendations—usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with Loxon Concrete & Masonry Primer. Cracks, voids, and other holes should be repaired with an elastomeric patch or sealant.</p> <p>Steel Rust and mill scale must be removed using sandpaper, wire brush, or other abrading method. Bare steel must be primed the same day as cleaned.</p> <p>Stucco Remove any loose stucco, efflorescence, or laitance. Allow new stucco to cure at least 30 days before painting. If painting cannot wait 30 days, allow the surface to dry 7 days and prime with Loxon Concrete & Masonry Primer. Repair cracks, voids, and other holes with an elastomeric patch or sealant.</p> <p>Vinyl Clean the surface thoroughly by scrubbing with warm, soapy water. Rinse thoroughly.</p> <p>Wood, Plywood, Composition Board Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth. All patched areas must be primed.</p> <p>Caulking Gaps between windows, doors, trim, and other through-wall openings can be filled with the appropriate caulk after priming the surface.</p>	<p>Mildew Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.</p> <p>APPLICATION When the air temperature is at 35°F, substrates may be colder; prior to painting, check to be sure the air, surface, and material temperature are above 35°F and at least 5°F above the dew point. Avoid using if rain or snow is expected within 2-3 hours.</p> <p>Do not apply at air or surface temperatures below 35°F or when air or surface temperatures may drop below 35°F within 48 hours.</p> <p>No reduction necessary.</p> <p>Brush Use a nylon/polyester brush.</p> <p>Roller Use a 3/8" - 3/4" nap synthetic cover.</p> <p>Spray—Airless Pressure..... 2000 psi Tip..... .015"-.019"</p> <p>CLEANUP INFORMATION Clean spills, spatters, hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with a compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.</p>	<p>For exterior use only. Protect from freezing. Non-photochemically reactive. Not for use on floors.</p> <p>CAUTION contains CRYSTALLINE SILICA and ZINC. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Adequate ventilation required when sanding or abrading the dried film. If adequate ventilation cannot be provided wear an approved particulate respirator (NIOSH approved). Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. FIRST AID: In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Abrading or sanding of the dry film may release crystalline silica which has been shown to cause lung damage and cancer under long term exposure. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.</p> <p>HOTW 06/30/2015 A84W01151 25 35 Viet, KOR</p> <p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.</p>



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114.30

SUPERDECK®

Exterior Waterborne Semi-Transparent Stain SD3T00015 Tint Base

APPLICATION

Thoroughly stir contents before and occasionally during use. For uniformity, mix all cans together before use. Do not thin or mix with any other stains or coatings. All surfaces must be clean, dry, and free from dirt, mildew stains, dust and other foreign matter. Be sure to follow directions for maximum product performance.

Penetration will vary depending on porosity and water content of the surface. Thoroughly coat cut ends and joints. For best results apply in shade with surface temperatures between 50°F and 90°F. Do not apply if temperatures will fall below 35°F or if rain or snow is expected within 24 hours after application. Cooler temperatures require longer drying times.

No reduction necessary.

Brush - Use a nylon/polyester brush

Roller - Use a 3/8" - 3/4" nap cover

Spray—Airless

Pressure..... 2000 psi

Tip..... .015"-.017"

After application, while the material is still wet, back brush to force the material into the wood fibers and to achieve a uniform appearance.

Two coats are required for proper color development, the second coat **MUST** be applied within 7 days of the first coat.

CLEANUP INFORMATION

Clean spills, spatters, and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with compliant cleanup solvent to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using solvents.

COATING SOLUTION

Which product is the best for my project:

SuperDeck Exterior Waterborne Clear Sealer

- Protects wood from sun while allowing the wood to gray naturally
- Water repellents make water bead up, protecting against cracking, splitting, and warping of wood
- Leaves a protective coating that resists discoloration caused by mildew

SuperDeck Exterior Oil-Based Transparent

- Lasting, penetrating, oil-based formula
- Enriches wood appearance with a light tone
- UV protection resists graying
- Repels water to prevent moisture damage

SuperDeck Exterior Waterborne Semi-Transparent Deck Stain

- Provides a lasting, mildew-resistant film
- Excellent penetration for protecting horizontal exterior wood surfaces
- Can be applied to damp surfaces, allowing surfaces to be prepared and stained in one day

SuperDeck Exterior Oil-Based Semi-Transparent Stain

- A lasting penetrating formula that protects the wood with a rich semi-transparent stain.
- One coat coverage on most woods
- Scuff-resistant formula with UV protection that resists fading
- Repels water to prevent moisture damage

SuperDeck Waterborne Solid Color Deck Stain

- Waterborne, 100% acrylic resin
- Provides mildew resistant coating
- Use over existing paint or stain
- Can be applied to damp surfaces, allowing surfaces to be prepped and stained in one day

For more stain information and product choices visit www.sherwin-williams.com.

For Vertical surfaces - walls, siding, etc, use WoodScapes® Exterior Acrylic Solid Color Stain or WoodScapes® Exterior Polyurethane Semi-Transparent Stain.

CAUTIONS

This product must be applied outdoors to wood intended for exterior use only.

Not for interior use.

Do not use on roofs.

Do not varnish or use a clear overcoat.

Do not apply over hardboard, particleboard, or wood coated with paint, creosote-based materials or latex products.

Do not use on composition board or composite decking materials.

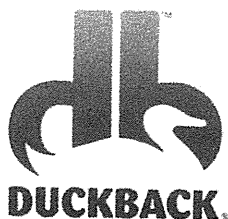
Not for use on garage floors, driveways, or automobile traffic areas.

LABEL CAUTIONS

Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches, or dizziness, increase fresh air, or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage. **FIRST AID:** In case of eye contact, flush thoroughly with large amounts of water. Get medical attention if irritation persists. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **WARNING:** This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

HOTW 01/28/2015 SD3T00015 08 45
FRC, SP

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.



114.30

SUPERDECK®

Exterior Waterborne Semi-Transparent Stain SD3T00015 Tint Base

As of 1/28/2015, Complies with:			
OTC	Yes	LEED® 09 CI	N/A
SCAQMD	Yes	LEED® 09 NC	N/A
CARB	Yes	LEED® 09 CS	N/A
CARB SCM 2007	Yes	LEED® H	N/A
MPI		NGBS	N/A

CHARACTERISTICS

- Provides a semi-transparent film
- Excellent penetration for protecting horizontal exterior wood surfaces
- Can be applied to damp surfaces, allowing surfaces to be prepared and stained in one day
- This product contains agents which inhibit the growth of mildew on the surface of this paint film

Use on wood:

Use on:

- | | |
|--------------------------|-----------------------------------|
| • Decks | • Pressure Treated (CCA, ACQ, CA) |
| • Steps | • Cedar |
| • Rails | • Redwood |
| • Spindles | • Pine |
| • Patios | • Cypress |
| • Walkways | • Fir |
| • Outdoor wood Furniture | • Spruce |

Tips: Stains tend to lap (dark lines where two freshly coated areas overlap). These tips will help avoid lap marks and keep the appearance uniform:

- Do not stain in direct sun or on a hot surface
- Stain from a dry area into the adjoining wet stain area. Keep the leading edge wet and distribute the finish evenly
- Quickly remove puddles and excess material by redistributing to dry areas or wiping up
- Use natural breaks as boundaries to divide large areas into smaller, more manageable ones
- Stain a board from end to end
- Use two coats on badly weathered or unfinished wood
- Always apply product to a small test area and allow to dry completely before coating the entire project to ensure desired color and appearance
- Do not apply over sealed surfaces

CHARACTERISTICS

Color: Semi-Transparent stain colors
A sample brush out is recommended to ensure color satisfaction.

Coverage:

Smooth: 350 sq ft/gal
Rough/porous: 100-200 sq ft/gal

Depending on porosity and texture

Note: New wood normally requires less product than old, weathered wood. This is due to older wood being more porous than newer wood

Drying Time, @ 77°F, 50% RH:

Touch: 1 hour
Recoat: 4 hours minimum
7 days maximum

Drying and recoat times are temperature, humidity, and film thickness dependent

Two coats are required for proper color development, the second coat MUST be applied within 7 days of the first coat.

Note: Air and surface temperature must not drop below 50°F for 24 hours after application

Finish: slight film, no sheen

Flash Point: N/A

Tinting with CCE:

Base	oz/gal	Strength
Tint Base	1/2 - 6	100%

Must be tinted, do not exceed 6 oz/gal of tinting color

Vehicle Type: Acrylic

Tint Base SD3T00015

VOC (less exempt solvents):

<50 g/L; 0.42 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 22 ± 2%

Weight Solids: 26 ± 2%

Weight per Gallon: 8.92 lb

Can be applied to surfaces that are damp from weathering or cleaning, not to exceed 25% moisture content.

SURFACE PREPARATION

WARNING! Removal of old coatings by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Clean all surfaces completely with the appropriate cleaner based on the conditions.

SuperDeck Deck Wash

- Mildew stain
- Algae stain
- Weathered wood (bleaches wood)
- Gray wood (bleaches wood)

SuperDeck Revive™

- Tannin Bleed
- Nail stain
- Weathered wood (restores color)
- Gray wood (restores color)
- Mill Glaze

SuperDeck Stain & Sealer Remover

- Weathered, gray wood
- Old Paint & Stain

Carefully follow all label instructions. Thoroughly rinse the surface to remove all residue and allow to thoroughly dry before coating.

Test the absorbency of the wood by sprinkling water on the surface. If the water penetrates into the wood quickly, the wood is ready to finish. If the water beads up or does not penetrate, allow the wood to weather 1 to 2 weeks and test for absorbency again.



Customer Information

Name: WESTON HINDON ZERO
PUNCHLIST
Address: 2521 LIBERTY HILL RD
POWHATAN, VA 23139
Primary Phone: 804-382-1507
Secondary Phone: 804-382-1507

Store Information

MIDLOTHIAN
1386 CAR MIA WAY
RICHMOND, VA 23236
Store Number: 4631
Customer Agreement #: 231853
Associate: RUTH

Line #	Product Description	Room Location	Qty	Unit Price	Total Price
100-1	Exterior Steel Entry Door 37.625 x 82 Call Width = 3/0, Call Height = 6/8, Frame Width = 37.625, Frame Height = 82 Fire Rating = No, Impact Rated = No Glass Layout = Opaque, Material = Traditions Series Steel, Panel Design = 6 Panel Flush , Glass Size = No Glass, Glass Type = No Glass, Glass Style = No Glass, Low-E = No, Caming Option = None, Model = TS210, Energy Star Rated = Yes Prefinish Options = No Prefinishing Handing = Inswing Left Jamb Depth = 6 9/16", Jamb Material = Primed, Sill Type = Composite Adjustable, Sill Finish = Mill Finish, Sill Pan = No, Protective Sill Cover = No, Weatherstrip Option = Compression Stone Lock Prep = Double Bore 2 3/8" Backset, Deadbolt Strike Jamb Prep = DBMS, Hinge Type = Radius x Square, Hinge Finish = Brushed Nickel, Peep Hole = No, Kick Plate = None Exterior Casing = Primed Wood 180 Brickmould, Brickmould Shipping Option = Shipped Loose SKU = 1000049114, Vendor Number = 60013186, Vendor Name = REEB, Customer Service Number = 888-321-7332, Catalog Version Date = 11/09/2015 Lead Time = 10 Days		1	Was: \$463.90 Now: \$394.32 Save \$69.58 (15%) until 11/18/2015 * S/O DELMARVA SASH & DOOR-1000049114 Promotion until 11/18/2015	\$463.90 \$394.32

