

**CITY OF SACRAMENTO**  
1231 I Street, Sacramento, CA 95814

**Permit No: 0105329**  
**Insp Area: 4**

**Site Address: 23 TANZANITE CT SAC**  
Parcel No: 225-1430-046 NATOMAS CROSS 22 LOT 46

Sub-Type: NSFR  
Housing (Y/N): N

**CONTRACTOR**  
RYLAND HOMES  
1380 LEAD HILL BLVD STE 108  
ROSEVILLE CA. 95661

**OWNER**

**ARCHITECT**

**Nature of Work: MP 2179 W/BONUS 2 STORY 10 ROOM SFR**

**CONSTRUCTION LENDING AGENCY:** I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C.)

Lender's Name \_\_\_\_\_ Lender's Address \_\_\_\_\_

**LICENSED CONTRACTORS DECLARATION:** I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B License Number SA648 Date 5.17.01 Contractor Signature [Signature]

**OWNER-BUILDER DECLARATION:** I hereby affirm under penalty of perjury that I am exempt from the Contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code: any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption: Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.00):

I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code). The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder who has the improvements he/she did not build or improve for the purpose of sale.)

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code). The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law.

I am exempt under Sec. \_\_\_\_\_ B & P. for this reason: \_\_\_\_\_

Date \_\_\_\_\_ Owner Signature \_\_\_\_\_

**IN ISSUING THIS BUILDING PERMIT,** the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and hereby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 5.17.01 Applicant Agent Signature [Signature]

**WORKER'S COMPENSATION DECLARATION:** I hereby affirm under penalty of perjury one of the following declarations:

I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, for the performance of work for which the permit is issued.

I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier AMERICAN PROTECTION Policy Number 4BR003219-01 Exp Date 06/01/2001

(This section need not be completed if the permit is for \$100 or less) I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 5.17.01 Applicant Signature [Signature]

**WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.**

**THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.**



# WesPac

## insulation

a MASCO Company



809 North Market Blvd., Ste. 11 • Sacramento, CA 95834

(916) 927-7149 • Fax (916) 927-4257

Lic. #487478

### Installed Insulation Certificate

We certify that the building insulation listed herein is installed in conformance with current energy conservation regulations, California Administrative Code, Title 24, State of California

R FACTOR	AREA	TYPE	INCHES/BAGS (BLOWN)
R38 CEILING AREA		FIBERGLASS BLOW	14.75" / 29 BAGS
R38 CEILING AREA		FIBERGLASS BATT	13"
R13 EXT. WALL AREA		FIBERGLASS BATT	3.5"

Certified by *Sammy Jimenez*

Title Secretary

HERITAGE HOMES  
RYLH HERITAGE / 146  
Address or Lot Number

09/10/01 Date Installed                 Phase #

Project Address: 23 TANZANITE CT  
Lot Number: 46

Assessor Parcel # 225.1430.046  
Subdivision Natomas Crossing Unit# 22

**OWNER INFORMATION:**

Legal Property Owner: Ryland Homes Phone# 784-1330#14  
Owner Address: 1380 Lead Hill Rd. City Roseville State CA Zip 95661

**CONTRACTOR INFORMATION:**

Contractor: Ryland Homes Lic. # 54648 Phone # 784-1330#14 Fax 784-9805

**PROJECT INFORMATION:** Plan Three MP 2179

Land Use Zone RIA Occupancy Group R3 Construction Type VN Fed Code 1A  
No. of Stories: 2 No. of Rooms: 10 Street Width: 41'  
1<sup>st</sup> Floor Area 1097 2<sup>nd</sup> Floor Area 1082 Basement \_\_\_\_\_ Roof Material Tile

**AREA IN SQUARE FOOT OF:**

Dwelling/Living 2179  
Garage/Storage 581  
Decks/Balconies 34  
Carports \_\_\_\_\_

**SCOPE OF WORK:** SFD.

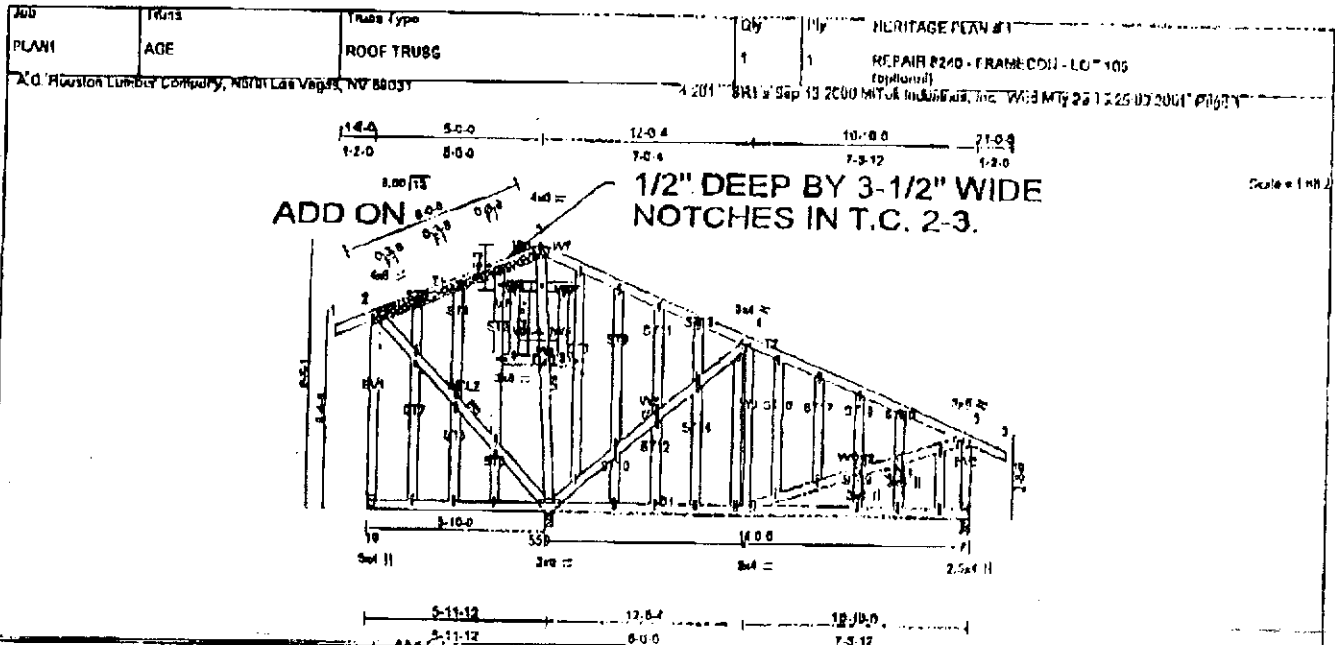
- Information Above Complete
- Violation Files Checked
- Standard Setbacks
- County Sewer
- AR Flood Waiver Required
- Flood Elevation Certificate Required
- Water Development Infill Area
- Planning Approval
- Design Review Approval
- Special Fee Districts Apply:

**THE FOLLOWING MUST BE PROVIDED IN ORDER TO SUBMIT FOR PERMIT**

- 2 COMPLETE PLOT PLANS, LEGIBLE & DRAWN TO SCALE
- 11 X 17 COPY OF FLOOR PLAN WITH FOLLOWING INFORMATION
  - a) Assessor's Parcel Number
  - b) New Floor Area
  - c) Owners Name
  - d) Project Address

Date: \_\_\_\_\_ Received by: (staff) \_\_\_\_\_ Permit # \_\_\_\_\_

FOR OFFICE USE ONLY



<b>LOADING</b> (psf)	<b>SPACING</b> 2.0-0	<b>CSI</b>	<b>DEFL.</b> in (load)	<b>PLATES</b>	<b>GRP</b>
TCLL 16.0	Plates Increase 1.25	TC 0.92	Vert(L) 0.12 9-10 3507	M120	152/13
TCCL 14.0	Lumber Increase 1.33	BC 0.08	Vert(UL) 0.18 9-10 3429		
BCCL 0.0	Rep Stress Incr NO	WB 0.38	Horz(TL) 0.00 7		
BCCL 0.0	Code UBC97/ANSI95	(Material)	1st LC TL Min Width = 3/8"	Weight: 192 lb	

<b>LUMBER</b>	<b>BRACING</b>
TOP CHORD 2 X 4 HF Stud	TOP CHORD Sheathed or G-O as per table, except end verticals.
BOT CHORD 2 X 4 HF Stud	BOT CHORD Rigid purlin directly applied to G-O as bearing
WEBS 2 X 4 HF Stud	WEBS 1 Row at rafter 3 0, 4 0, 2 0
OTHERS 2 X 4 HF Stud	

**REACTIONS** (lb/line) 7-3080-3 0, 9-18100-3 8  
 Max Horiz 0-197 (load case 3)  
 Max Vert 8-84 (load case 3)  
 Max Crav 7-448 (load case 0), 9-1010 (load case 1)

**FORCES** (lb) - Pine Load Case Only  
 TOP CHORD 1-2=30, 2-3=30, 3-4=29, 4-5=103, 5-6=30, 2-10=235, 5-7=324  
 BOT CHORD 10-85=34, 9-55=34, 8-3=30, 7-8=29  
 WEBS 3-8=332, 4-8=548, 4-9=81, 2-8=488, 5-9=4

- NOTES**
- 1) This truss has been checked for unbalanced loading conditions.
  - 2) This truss has been designed for the wind loads generated by 75 mph winds at 20 ft above ground level, using 14.0 psf top chord dead load and 8.0 psf bottom chord dead load. In the gable end roof zone on an occupancy category II, exhibition I enclosed building with exposure C ASCE 7-95 per UBC97/ANSI95 II and vertical or cantilevered walls, they are exposed to wind. If non-held steel, they are not exposed to wind. The lumber DOL increase is 1.33, and the plate grip increase is 1.33.
  - 3) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), use Mike's "Standard Gable End Detail".
  - 4) All plates are 1/2" M120 unless otherwise indicated.
  - 5) Gable studs spaced at 14-0 o.c.
  - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads per Table No. 16-E, UBC-97.
  - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 9.
  - 8) This truss has been designed with ANSI/TPI-1 WBE5 criteria.

**LOAD CASES:** Standard  
 1) Regular: Lumber Increase=1.25, Plate Increase=1.25  
 Uniform Loads (psf)  
 Vert 1-2=30.0, 2-3=30.0, 3-4=29.0, 5-0=30.0, 10 85=34.0, 7-55=30.0

**8240**  
**General Repair Notes:**  
 1. This repair is for T.C. 2-3 notched 1-1/2" deep by 3-1/2" long at 2-0-0 o.c.  
 All other lumber and plates are intact and undisturbed.  
 2. Shore truss to original geometry prior to repair.  
 3. Attach 2x4 SPF 1650F 1.8E add ons nailed as shown to one face of truss w/10d gun nails (0.131" dia) by 3" long) 1 row(s) @ 3" o.c. staggered. Nails to be placed with sufficient edge distances and end distances as to prevent splitting of wood members. Do not damage repair.  
 4. Mechanical, if in the way, is to be relocated to accommodate repair.  
 This repair was designed using a description of existing conditions as provided.  
 The truss designer performs no field inspection of trusses.

**RECEIVED**

5-29-07  
*[Signature]*

REGISTERED PROFESSIONAL ENGINEER - STATE OF CALIFORNIA  
**MICHAEL A. MALLETT**  
 CIVIL  
 No. C066743  
 Exp. 8/30/2004  
 MAY 24 2001

**N**orman  
**S**cheel  
**S**tructural  
**E**ngineer

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Design Engineer  
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June 29, 2001

Ryland Homes  
1380 Lead Hill #108  
Roseville, CA 95661

RE: Simpson HPAHD22-2P Holdowns with reduced side cover (spalling)  
All Plans - Heritage (#20028)

To whom it may concern:

This letter is to verify that for the plans stated above, Simpson HPAHD22-2P Holdowns have been checked for reduced load capacity due to spalling below the embedment line specified on the strap. See the following for clarification:

If spalling is 0 to 1" below embedment line:

- Simpson does not require a reduction in uplift capacity.

If spalling is more than 1" and less than or equal to 4" below embedment line:

- Simpson requires a 10% reduction in uplift capacity.

If spalling is more than 4" below embedment line:

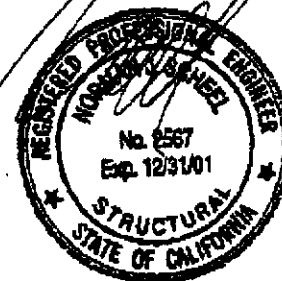
- Simpson classifies this to be a mis-installation. In this case a Simpson HTT22 with a 5/8" diameter threaded rod having 10" of embedment and installed using the Simpson SET Epoxy System would be an acceptable alternative.

Based on the first and second criteria shown above, all HPAHD22-2P uplift calculations were checked for having a 10% load reduction. For all the locations checked, the load reduction was not enough to compromise the design.

If I can be of further assistance, please call me.

  
NORMAN SCHEEL  
STRUCTURAL ENGINEER

PI:pi





**WALLACE • KUHL & ASSOCIATES INC.**

3050 Industrial Blvd. • West Sacramento, CA 95691 • 916-372-1434 • FAX 916-372-2565

Job No. \_\_\_\_\_  
Page 1 of 1

**DAILY FIELD REPORT**

PROJECT NAME: <i>Natunas Crossing #2</i>	CLIENT OR OWNER <i>Ryland Homes</i>	REPORT SEQUENCE NO.
GENERAL LOCATION OF WORK	OWNER OR CLIENT'S REPRESENTATIVE <i>Steve</i>	DATE <i>5-29-01</i>
GENERAL CONTRACTOR	GRADING CONTRACTOR	DAY OF WEEK <i>Tuesday</i>
TYPE OF WORK <i>SATURATION</i>	GRADING CONTRACTOR SUPERINTENDENT OR FOREMAN	PROJECT ENGR.
SOURCE AND DESCRIPTION OF FILL MATERIAL	WEATHER <i>Clear</i>	SUPERVISOR <i>DFS</i>
		TECHNICIAN <i>JAB</i>
KEY PERSONS CONTACTED: (Civil Engr., Architect Developer, etc.)		

TEST NUMBER	TEST LOCATION	ELEVATION	FIELD TESTING		REFERENCE CURVE			COMMENTS
			MOISTURE CONTENT %	% OF MAXIMUM DRY DENSITY	COMP CURVE NO.	MAXIMUM DRY DENSITY LBS/CU FT.	OPTIMUM MOISTURE CONTENT %	
<i>1</i>	<i>#143 Minimum 12" Saturation</i>		<i>OK</i>					
<i>2</i>	<i>#144</i>		<i>OK</i>					
<i>3</i>	<i>#145</i>		<i>OK</i>					
<i>4</i>	<i>#146</i>		<i>OK</i>					

Describe equipment used for hauling, spreading, watering, conditioning and compacting

NOTES (Describe work completed during the day, any problems and their solution):

*Arrived on site this AM to check lots 143-146 for slab saturation. I found lots 143-146 to have a minimum saturation of 12" as required.*

Continued

WHITE COPY TO OUR FIELD FOLDER  
CANARY COPY TO PROJECT ENGINEER  
PINK COPY TO CLIENT (IF REQUESTED)

COPY GIVEN TO \_\_\_\_\_

Report By  
*JOHN BERNHARD*

This report presents opinions formed as a result of our observation of activities relating to geotechnical engineering. We rely on the contractor to comply with the plans and specifications throughout the duration of the project irrespective of the presence of our representative. Our work does not include supervision or direction of the actual work of the contractor, his employees or agents. Our firm will not be responsible for job or site safety on this project.



**WALLACE • KUHL & ASSOCIATES INC.**  
 GEOTECHNICAL ENGINEERING • CONSTRUCTION TESTING

3050 Industrial Blvd.  
 PO Box 1137  
 West Sacramento  
 California 95691  
 916-372-1434

DATE 7-5-01		JOB NO. 362509		WEATHER		TEMP. ° at AM ° at PM		
PROJECT Natomas Crossing Ryland Homes				Technician I <input type="checkbox"/>		Staff E/G <input type="checkbox"/>		
LOCATION Lots # 102, 143-146				Technician II <input type="checkbox"/>		Project E/G <input type="checkbox"/>		
TYPE OF WORK Pull Test				Technician III <input type="checkbox"/>		Senior E/G <input type="checkbox"/>		
Inside 50 mi. radius <input checked="" type="checkbox"/>		Outside 50 mi. radius <input type="checkbox"/>		Nuclear Densities <input type="checkbox"/>		Principal E/G <input type="checkbox"/>		
PERSONNEL		REG. HRS	OT HRS	TOTAL HRS	TRAVEL	ON JOB	VEHICLE	MILES
DS		1.5	0	2.0	5	1	#14	15

OBSERVATIONS: ON SITE AS REQUESTED TO PERFORM PULL TEST ON 5/8" REINFORCING FOR ATTACHMENT @ A PULL VALUE OF 685# "PER NORMAN SHEET" AND A GAGE PSI OF 340# USING JACK F WITH GAGE # SF @ THE FOLLOWING LOCATIONS.

- LOT # 102 - 1EA. S/WALL OF ENTRY WAY. PASSED
- LOT # 143 - 1EA. N/WALL OF FAMILY ROOM. PASSED
- LOT # 144 - 1EA. E/WALL OF BACK BEDRM. PASSED
- LOT # 145 - 2 EA. N/WALL OF DINING RM. 1EA. E/WALL OF GARAGE. PASSED
- LOT # 146 - 3 EA. N/WALL OF FAMILY RM. 1 NOT ACCESSIBLE. PASSED

Lot 146/23 Tanzanite Ct

**FIELD REPORT**

Signed

