



# OFFICE OF STATE FIRE MARSHAL



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## FIRE PROTECTION PLAN REVIEW REPORT

Plan Review Number 2014-04-0753-MJS-01

Tax Parcel Number 1-31-14.00-44.00

Review Status APPROVED AS SUBMITTED

Review Date 09/04/2014

### PROJECT

HERITAGE SHORES (3B)		
Phase# 3B	Building #	Unit # 182 LOTS
US RT 13 AND WILSON FARM RD		
BRIDGEVILLE, DE 19933		

### SCOPE OF PROJECT

Project Type <u>MJS Major Site</u>	
Number of Stories _____	Occupant Load _____
Square Footage _____	Occupancy Code <u>9601</u>
Construction Class _____	Fire District <u>72</u>

### APPLICANT

### OWNER

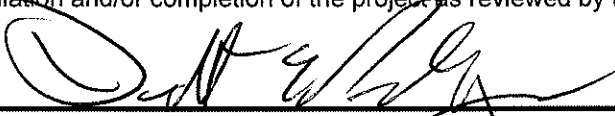
ROBERT D. RAUCH & ASSOC INC  110 N WASHINGTON ST 2ND FLR  EASTON, MD 21601	BROOKFIELD HOMES DAVID CARRO  3201 JERMANTOWN RD STE 150 FAIRFAX, VA 22030
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This office has reviewed the plans and specifications of the above described project for compliance with the Delaware State Fire Prevention Regulations, in effect as of the date of this review.

A Review Status of "Approved as Submitted" or "Not Approved as Submitted" must comply with the provisions of the attached Plan Review Comments.

Any Conditional Approval does not relieve the Applicant, Owner, Engineer, Contractor, nor their representatives from their responsibility to comply with the plan review comments and the applicable provisions of the Delaware State Fire Prevention Regulations in the construction, installation and/or completion of the project as reviewed by this Agency.

This Plan Review Project was prepared by:

  
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 DENNETT PRIDGEON, SR FIRE PROTECTION SPECIALIST

# FIRE PROTECTION PLAN REVIEW COMMENTS

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## PROJECT COMMENTS

- 1002            This project has been reviewed under the provisions of the Delaware State Fire Prevention Regulations (DSFPR) Effective December 11, 2012. The current Delaware State Fire Prevention Regulations are available on our website at [www.statefiremarshal.delaware.gov](http://www.statefiremarshal.delaware.gov). These plans were not reviewed for compliance with the Americans with Disabilities Act (ADA). These plans were not reviewed for compliance with any Local, Municipal, nor County Building Codes.
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- 9999
- THIS REVIEW IS FOR SINGLE FAMILY DWELLINGS/WATER INFORMATION ONLY.  
COMMERCIAL USE BUILDINGS WILL REQUIRE SEPARATE SITE REVIEW.
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- 1030            This site meets Water Flow Table 2, therefore the following water for fire protection requirements apply: Main Sizes: 6" minimum. Minimum Capacity: 500 gpm @ 20 psi residual for 1 hour duration. Hydrant Spacing: 1,000' on center. (DSFPR Regulation 702, Chapter 6, Section 3)
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- 1408            All premises where emergency personnel may be called upon to provide emergency services, which are not readily accessible from streets, shall be provided with suitable gates, access roads, and fire lanes so that all buildings on the premises are accessible to emergency apparatus. (DSFPR Regulation 705, Chapter 5, Section 2).
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- 1093            In the case of one and two-family dwellings emergency service access shall be provided in such a manner so that emergency apparatus will be able to locate within 100 feet from the street to the primary entrance. Where alleys are provided, pumpers shall be able to access all portions of the alley without strict restrictions for entrance radii. (DSFPR Regulation 705, Chapter 5, Sections 2.2 and 2.2.1)
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- 1106            The access road into the subdivision from the main thoroughfare is to be constructed so fire department apparatus may negotiate it. If a "center island" is placed at an entrance, it shall be arranged in such a manner that it will not adversely affect quick and unimpeded travel of fire apparatus into the subdivision.
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- 1420            All fire hydrants shall be marked and identified in accordance with DSFPR Regulation 705, Chapter 6, Section 2.0.
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### PROJECT COMMENTS

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- 1119 All proposed fire hydrants and water mains shall be installed in accordance with the most current edition of the Delaware State Fire Prevention Regulations. (DSFPR Regulation 702, Chapter 6 & 7)
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- 1130 Provide a water flow test on the subdivision hydrant(s) once they have been installed, and before they are placed into service. Results are to be forwarded to this Agency for review.
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- 1132 Fire hydrants shall be color coded in accordance with the DSFPR Regulation 703, Chapter 3, Section 4. This includes both color coding the bonnet and 2" reflective tape around the barrel under the top flange.
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- 1232 All threads provided for fire department connections, to sprinkler systems, standpipes, yard hydrants or any other fire hose connections shall be uniform to those used by the fire department in whose district they are located. (DSFPR Regulation 703, Chapter 1, Section 1.5)
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- 1432 The steamer connection of all fire hydrants shall be so positioned so as to be facing the street or fire lane. (DSFPR Regulation 705, Chapter 5, Section 10)
- The center of all hose outlet(s) on fire hydrants shall be not less than 18 inches above final grade (NFPA 24, Section 7.3.3)
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- 2500 A final inspection is required for this project prior to occupancy (DSFPR Regulation 701, Chapter 4, Section 7). Contact this Agency to schedule this inspection. Please have the plan review number available. A MINIMUM OF FIVE (5) WORKING DAYS NOTICE IS REQUIRED.
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