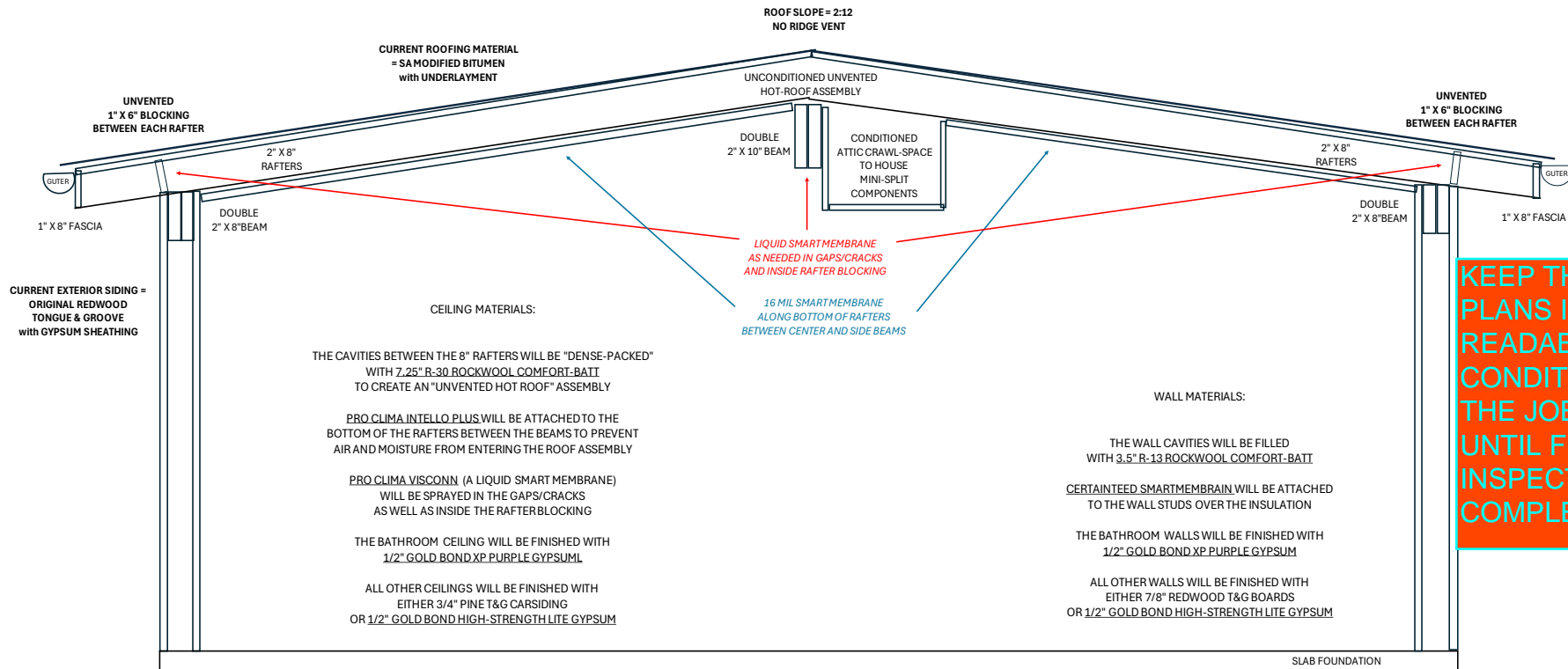


PERMIT# 25BLD-03329 -- ADDENDUM
DEBBIE AKINS - 637 FIELDCREST DR, CRESTWOOD MO 63126
SECTIONAL DIAGRAM OF ROOF AND EXTERIOR WALL CONSTRUCTION

Deputy Chief Tim Broyles

St. Louis County permit review required

This Addendum is being submitted so as to (1) clarify the roof construction and to (2) update the planned ceiling and wall materials to be used. This is a Mid Century Modern house built in 1952 in a historic neighborhood. The original roof was tar and gravel, but it has been updated to a rolled SA Modified Bitumen. The roof slope is 2:12, rendering it virtually flat. Multiple roofers have advised against installing a ridge vent on such a low-pitch roof, and the cost to do so at this point would be considerable. The roofer as well as numerous house science consultants have recommended densely insulating and tightly sealing the ceiling cavity in a fashion referred to as an "unvented hot roof" assembly. The small attic crawl space will purposely become a conditioned space that will be used to house the Mini Split Heat Pump branch box and conduit. This will help to ensure these components do not condensate. The diagram below is intended to provide the details of this assembly, as well list the specific materials that will be used. Additionally, photos of the home have been provided on the following pages.



KEEP THESE PLANS IN READABLE CONDITION ON THE JOB SITE UNTIL FINAL INSPECTION IS COMPLETE

Conditions

Interconnected battery smoke alarms to be installed: 1) every level of residence 2) in every sleeping room 3) in the vicinity of every sleeping room

Rough and Final Inspections Required by Crestwood Fire Department AND St. Louis County