

*SPECIFICATION COMPLIANCE
CONDUCTED AT*

*PREPARED FOR
MS. NANCY ALPERT*

*NOVEMBER 2000
SRC PROJECT #1937*

*PREPARED BY
SOUTHWEST ROOFING CONSULTANTS, INC.*

ROOF INFORMATION PAGE

1. **Building:**
2. **Roof Area:** Pitched
3. **Type of Roof:** Two-Piece Clay Tile with Mineral Surface Underlayment
4. **Approximate Square Footage:** 10,000⁰¹⁰
5. **Type of Substrate:** Plywood
6. **Conditions Noted*:**
 - a. Tile are overexposed. The minimum head lap of 3" is not achieved. Most commonly, the head lap is 2", with many only 1".
 - b. Tile pans and tops are not fastened into place. Pans are loose laid with all tops mortared one to another.
 - c. 90# mineral surface capsheet underlayment is fastened in place with small staples. Lap at seams is 2" and should be 4".
 - d. Penetrations have no secondary lead flashings, and are sealed at juncture to tile with mortar.
 - e. Attic vents lack proper primary flashing at opening. Attic vent flanges are on top of tile and should be under tile.
 - f. Broken or missing tile are present, allowing moisture entry and exposing underlayment to ultraviolet damage.
 - g. Lack of mortar closures (mudballs) at chimney area will allow excessive moisture migration.
 - h. Dead valleys restrict drainage potentially causing or allowing moisture entry. These areas should have been given extra attention as to installation methods and materials type.

*Items a, b, c, & d: Do not comply with ICBO or UBC criteria.
*Items a, b & c: To correct these items would require complete removal and reinstallation of roofing system.
*Item c: Does not meet tile manufacturer's criteria.
*Items d, e, f, g & h: To correct these items only would require removal of tile in limited areas to facilitate corrective measures (these items would be corrected with reroofing).
7. **Is Roof Repairable:** No

COMPLIANCE CHART

Component Requirement:	Component as Installed:	Compliant (Yes/No):
Underlayment to have 4" lap at seams.	Underlayment has 2" lap at seams.	No
Underlayment to have 6" side lap.	Underlayment has 10" side lap.	Yes
Tile are to have minimum 3" head lap (17" maximum exposure.)	Head lap is between 1" and 2" (18" to 19" exposure).	No
All tile are to be nailed.	No tile are nailed.	No
Gable tile to have 2 nails.	Tile have 2 nails.	Yes
Penetration to have secondary flashing on top of tile.	No secondary flashings present.	No
Chimney to have flashing over tile and under counterflashing.	Chimney has counterflashing only.	No
Valley metal to have center rib and extend minimum 11" out from center.	22" Valley metal is present.	Yes
Additional sweat sheet to be installed under valley metal.	Sweat sheet present under valley metal.	Yes



3. Dead valley with tile tops removed. Note inadequate head lap.



4. Dead valley with debris removed, revealing leak point.



7. Underlayment: Note inadequate head laps and lack of fasteners.



8. Penetration has no lead flashing.



11. Tops have no fasteners and inadequate head lap.



12. Inadequate size counterflashing.



13. Exposed underlayment at chimney with neither metal or mud.



14. View at overhand drip edge.