```
reverse_wf  THM

⊢  ∀T:Type, as:T List. rev(as) ∈ T List
| by (CDToVarThen ‘as’ ListInd) THEN (Reduce 0)
|
|\
| 1. T : Type
| 2. T List
| ⊢  nil ∈ T List  by Auto
|
.\
. 1. T : Type
. 2. T List
. 3. u : T
. 4. v : T List
. 5. rev(v) ∈ T List
. ⊢  (rev(v) @ [u]) ∈ T List  by Analyze
. |
. |\
. | ⊢  rev(v) ∈ T List  by Trivial
. |
. .\
. . ⊢  [u] ∈ T List  by Auto
END
```