```
hmap_wd  THM

⊢  ∀'a,'b:S.
   and
   (all(λf:'a → 'b. equal(map(f,nil),nil))
   ,all
    (λf:'a → 'b. all
                 (λh:'a. all
                         (λt:hlist('a). equal
                                        (map(f,cons(h,t))
                                        ,cons(f(h),map(f,t)))))))
  by HN THEN StrongAuto THEN Try (Complete (Unfold `label` 0))
END
```