```
hprim_rec_fun_wd  THM

⊢  ∀'a:S.
   all
   (λx:'a. all
           (λf:'a → hnum → 'a. equal
                               (prim_rec_fun(x,f)
                               ,simp_rec
                                ((λn:hnum. x)
                                ,λfun:hnum → 'a. λn:hnum. f
                                                          (fun
                                                           (pre(n))
                                                          ,n)))))
  by Unab [‘hprim_rec_fun‘] THEN HN THEN StrongAuto
     THEN
     Try (Complete (Unfold ‘label‘ 0))
END
```