

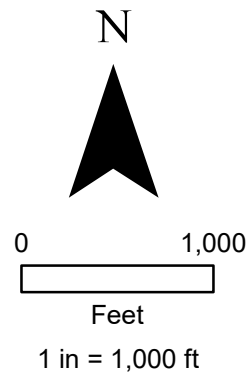
Existing WSEL = 29.95  
 Ultimate WSEL = 28.09  
 WSEL Reduction = 1.86

Existing WSEL = 29.80  
 Ultimate WSEL = 27.87  
 WSEL Reduction = 1.93




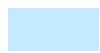
Existing WSEL = 27.18  
 Ultimate WSEL = 26.06  
 WSEL Reduction = 1.12

Existing WSEL = 26.97  
 Ultimate WSEL = 25.69  
 WSEL Reduction = 1.28

Henderson Road Culvert Improvement  
 Existing = 1 - 48" RCP  
 Ultimate = 2 - 11' x 9' RCB



**Legend**

-  Stream
-  Windrose Green Development
-  Existing Atlas 14 100-Year Floodplain
-  Ultimate Atlas 14 100-Year Floodplain



Costello, Inc.  
 Engineering and Surveying  
 TBPE Firm Registration No. 280

**WINDROSE GREEN  
 DRAINAGE IMPACT ANALYSIS  
 ATLAS 14 DIA FLOODPLAIN  
 RANCHO DITCH ONLY**

JOB NO.: 2013219-001-DS-002      DATE: AUG 2023      BY: MTW