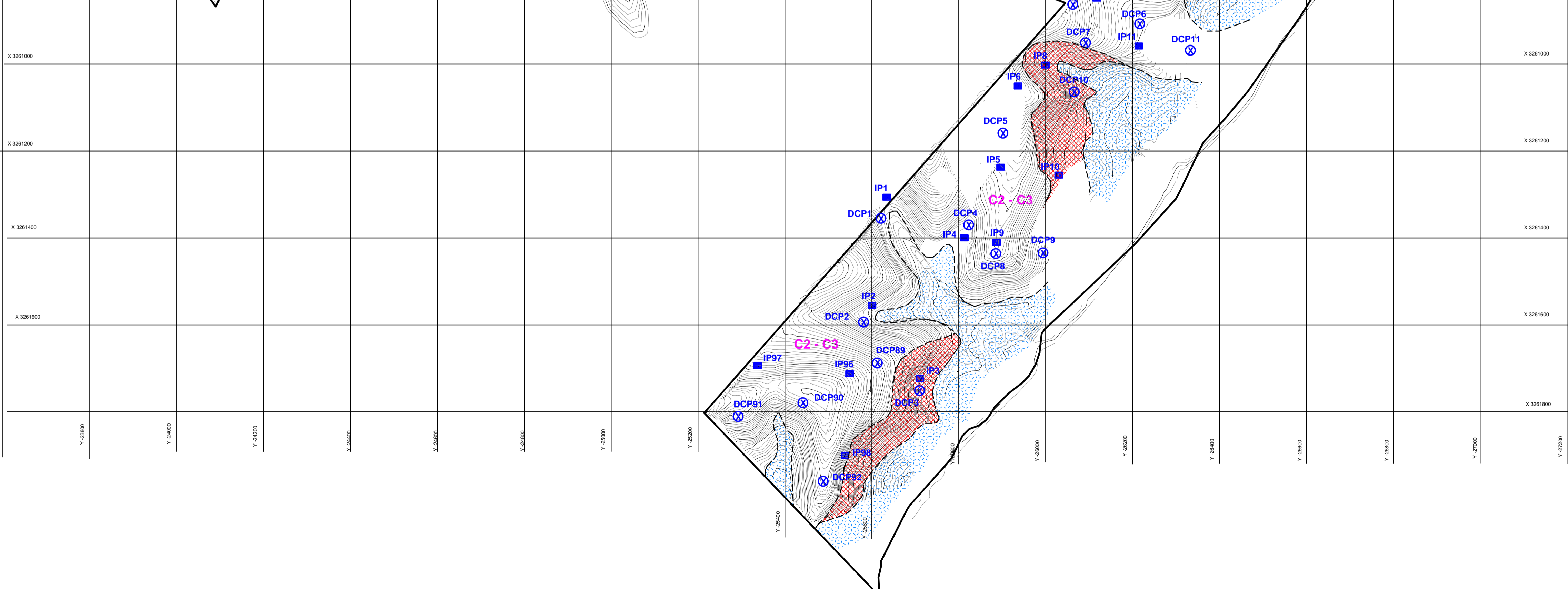


- KEY**
- DCP⊗ APPROX. POSITION OF DYNAMIC CONE PENETROMETER TESTS
  - IP■ APPROX. POSITION OF INSPECTION PITS
  - EXP● APPROX. POSITION OF EXPOSURE PROFILES
  - PT▲ APPROX. POSITION OF PERCOLATION TESTS
  - ▨ AREAS DISPLAYING SIGNS OF PREVIOUS OR POSSIBLE FUTURE INSTABILITY
- GEOLOGY**
- GROUNDWATER/WETLAND AREAS INFERRED FROM TONGAAT HULLETT DEVELOPMENT AREA - PHOTO - 2009
  - VRYHEID FORMATION SANDSTONE, SILTSTONE, SHALE
  - KAROO DOLERITE
  - RECENT AEOLIAN DUNE SAND UNDERLAIN BY BEREA FORMATION SEDIMENT
- NHBC CLASSIFICATION**
- H2 - H3 (POTENTIALLY HEAVING CLAYS)
  - C2 - C3 (POTENTIALLY COLLAPSIBLE SANDS)



**DRENNAN, MAUD AND PARTNERS**  
Consulting Civil Engineers

DESIGNED : A.J.  
DRAWN : S.P.  
DATE : 05/12/2012  
SCALE : 1:6000  
CHECKED :

INFERRED GEOLOGICAL CROSS SECTION  
MPUMULANGA RETAIL DEVELOPMENT

REF. NO. 23312/A  
FIG. NO. 1