```
PART 4: TAW
Input Paramters:
    TWL- 8.8077 feet
    HS- 4.9302 feet
    PER- 9.6953 seconds
    TOE- x: 36 , z: 1.1319 feet
TOP- x: 146 , z: 17.8915 feet
GBERM- 0.94202
GGROUGH- 0.8
    GBETA-
              1
    GPERM-
               1
RUNNING TAW:
MATLAB DIARY: /4_taw/logfiles/CM-137-DIARY.txt
CHECKING VALIDITY:
. . .
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 18.9617 feet
PART 4 COMPLETE_
```