```
_____
PART 4: TAW

Input Paramters:
    TWL- 8.8177 feet
    HS-  3.393 feet
    PER- 9.8875 seconds
    TOE- x: -32 , z: -2.7608 feet
    TOP- x: 60 , z: 11.2279 feet
    GBERM-   1
    GGROUGH- 1
    GBETA-   1
    GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/CM-136-DIARY.txt

CHECKING VALIDITY:

...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 21.0438 feet

PART 4 COMPLETE_____
```