```
_____
PART 4: TAW

Input Paramters:
    TWL- 8.8436 feet
    HS-  0.65495 feet
    PER- 2.0989 seconds
    TOE- x: 198 , z: 6.2894 feet
    TOP- x: 252 , z: 9.9934 feet
    GBERM-   1
    GGROUGH- 1
    GBETA-   1
    GPERM-   1

RUNNING TAW:
...
MATLAB DIARY: /4_taw/logfiles/CM-135-2-DIARY.txt

CHECKING VALIDITY:

...
TAW method is valid!
Using TAW runup to detemine runup elevation
TAW 2% runup: 10.0095 feet

PART 4 COMPLETE_____
```