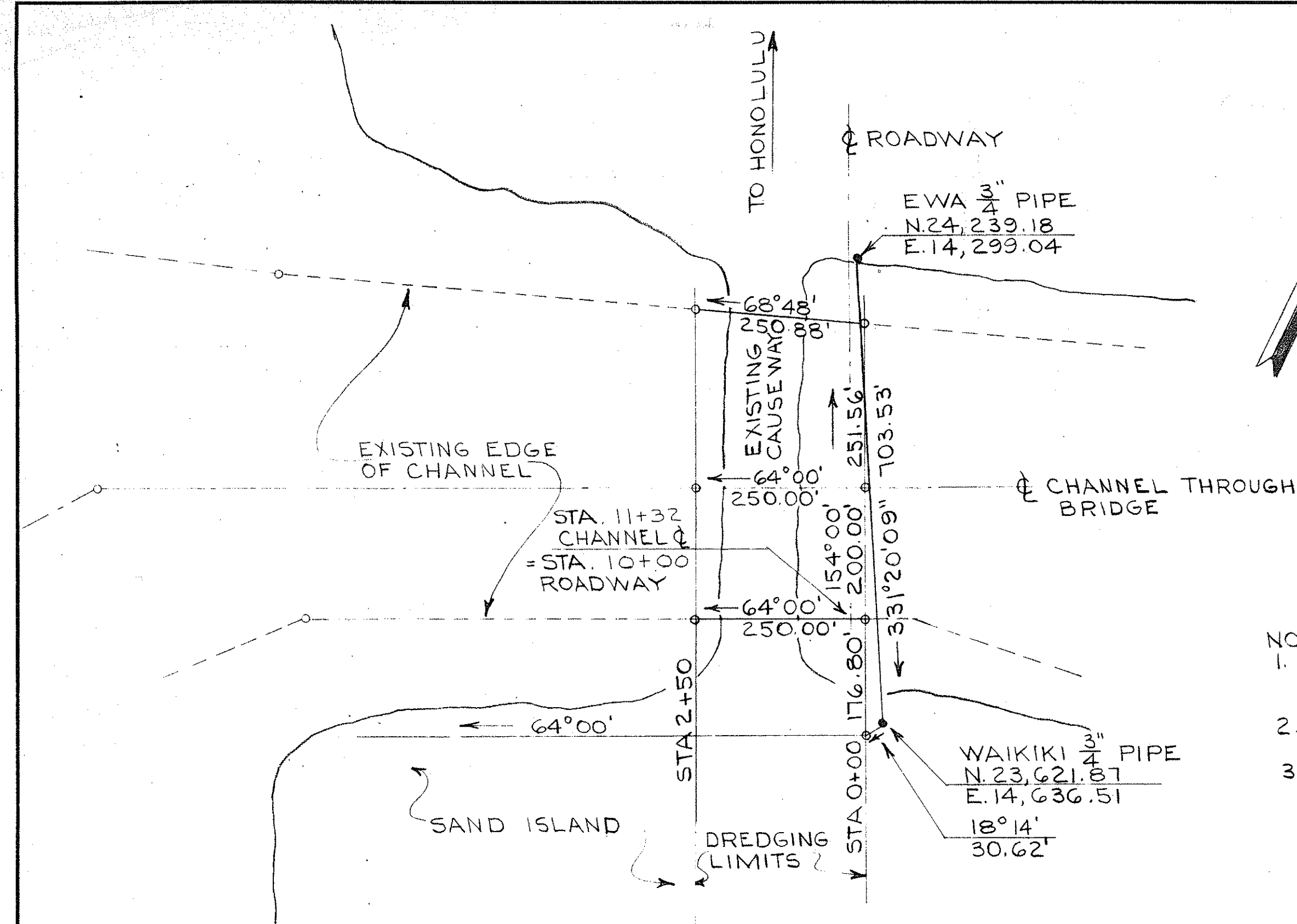
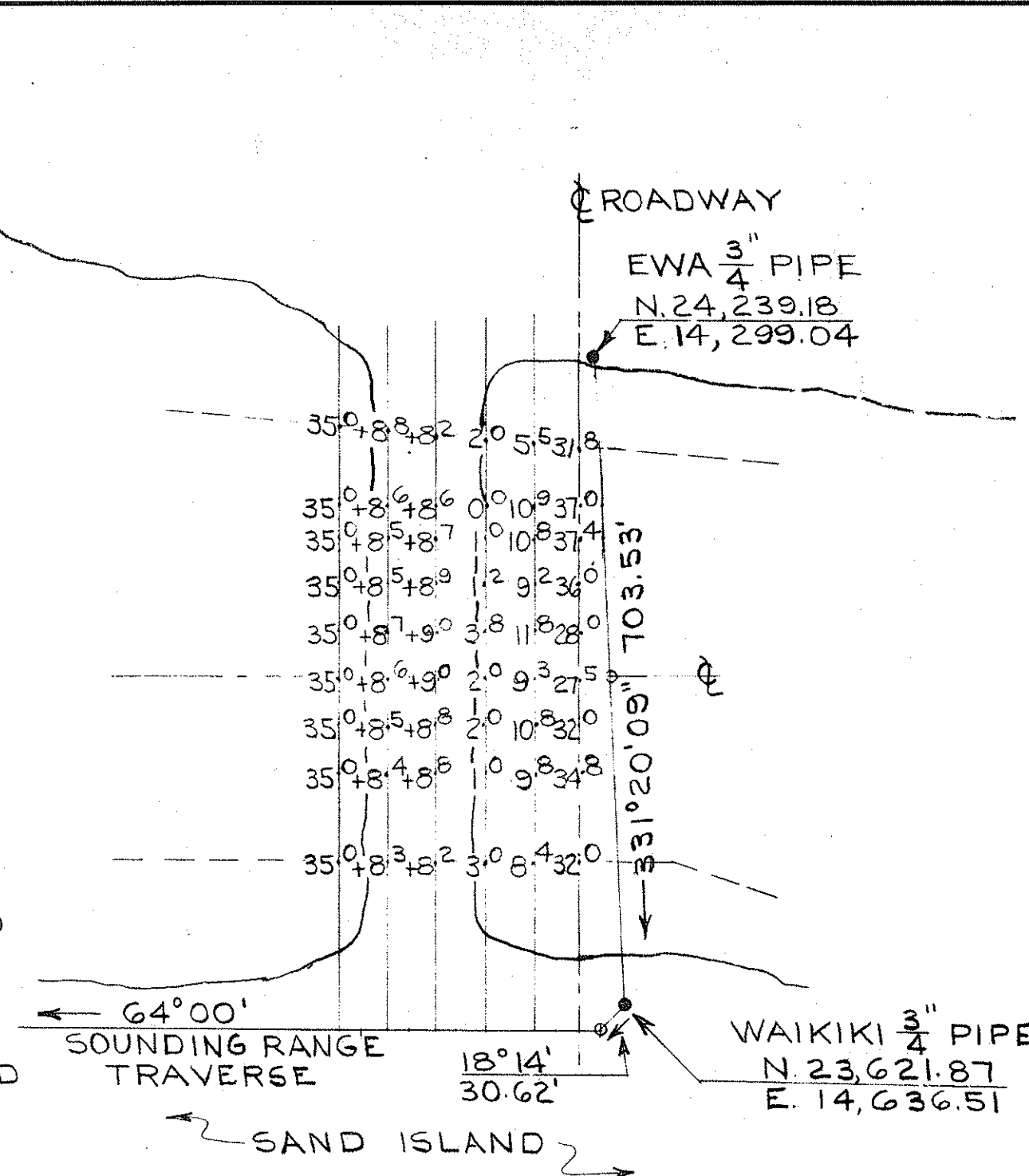




CHANNEL LAYOUT

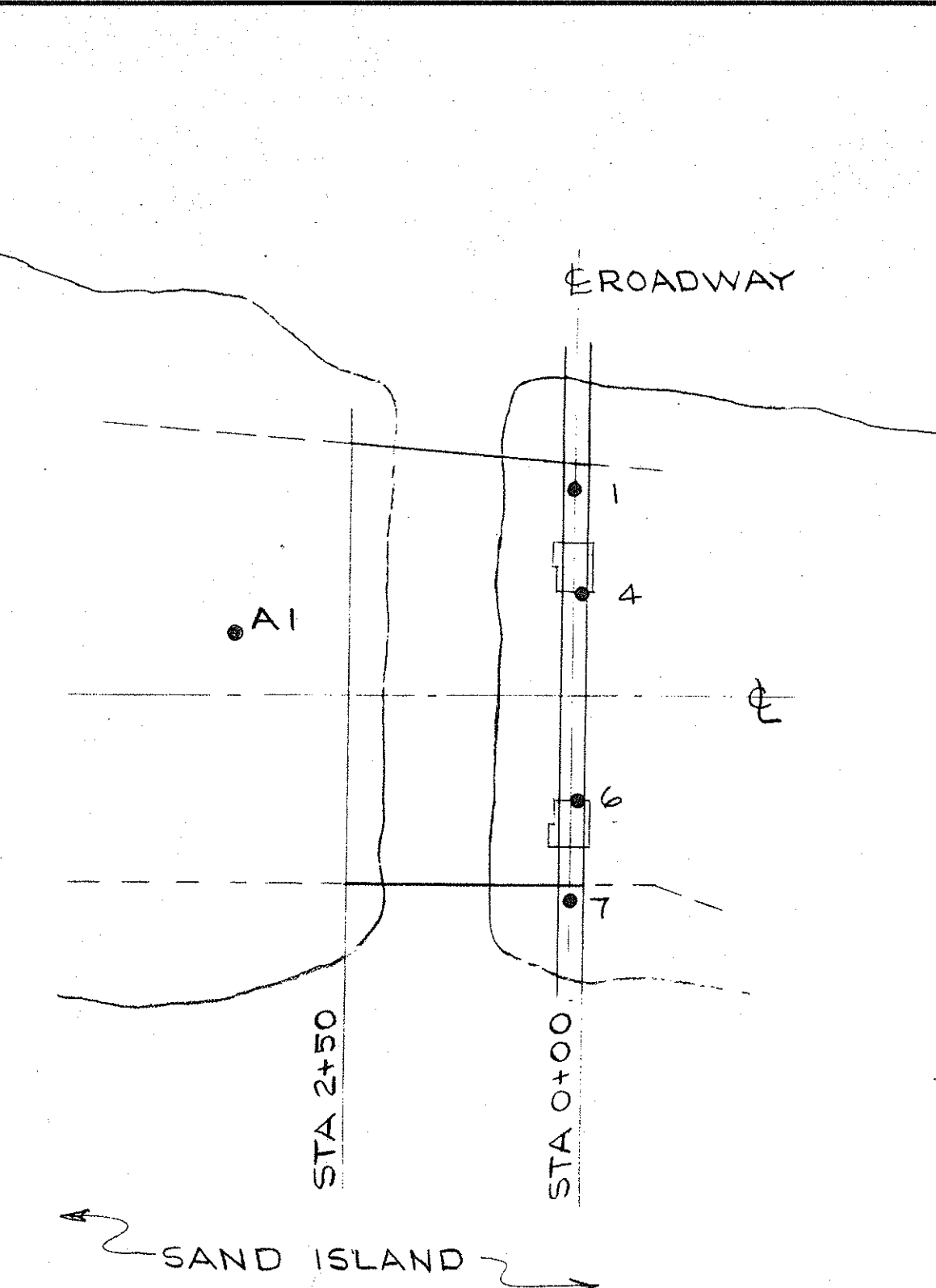
SCALE: 1"=2000'

- NOTES:  
1. COORDINATES ARE REFERRED TO NORTH BASE.  
2. NORTH BASE LOCATION SHOWN ON SHEET 1.  
3. AZIMUTHS ARE MEASURED CLOCKWISE FROM SOUTH.



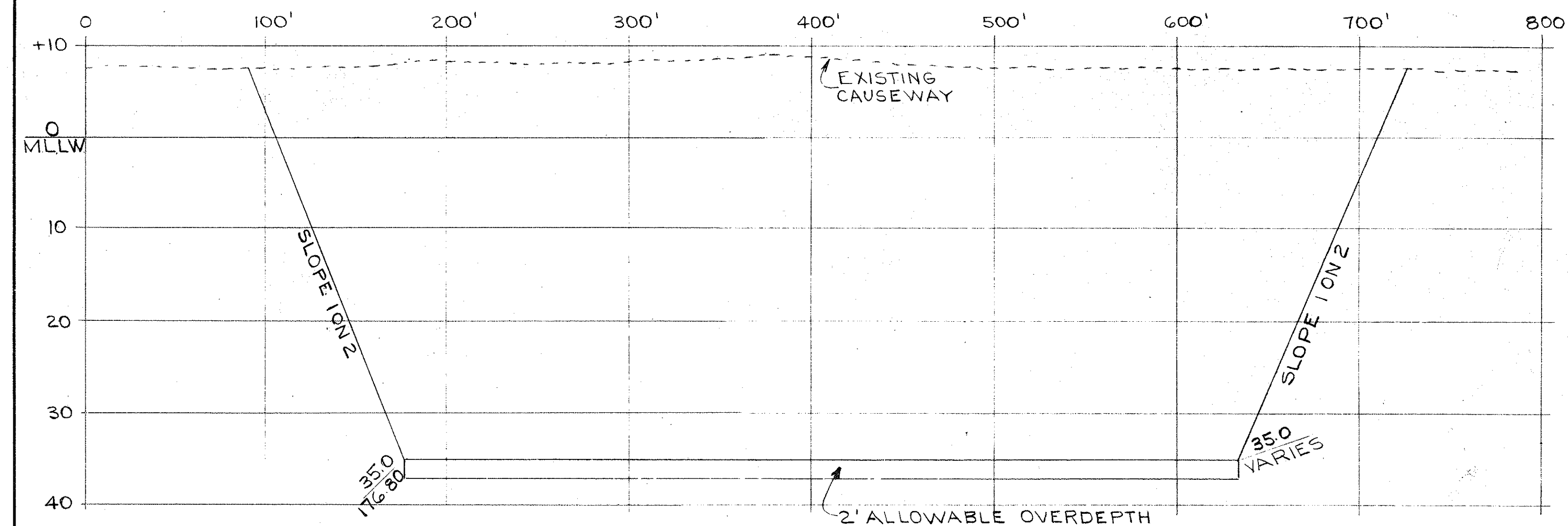
SOUNDINGS

SCALE: 1"=2000'

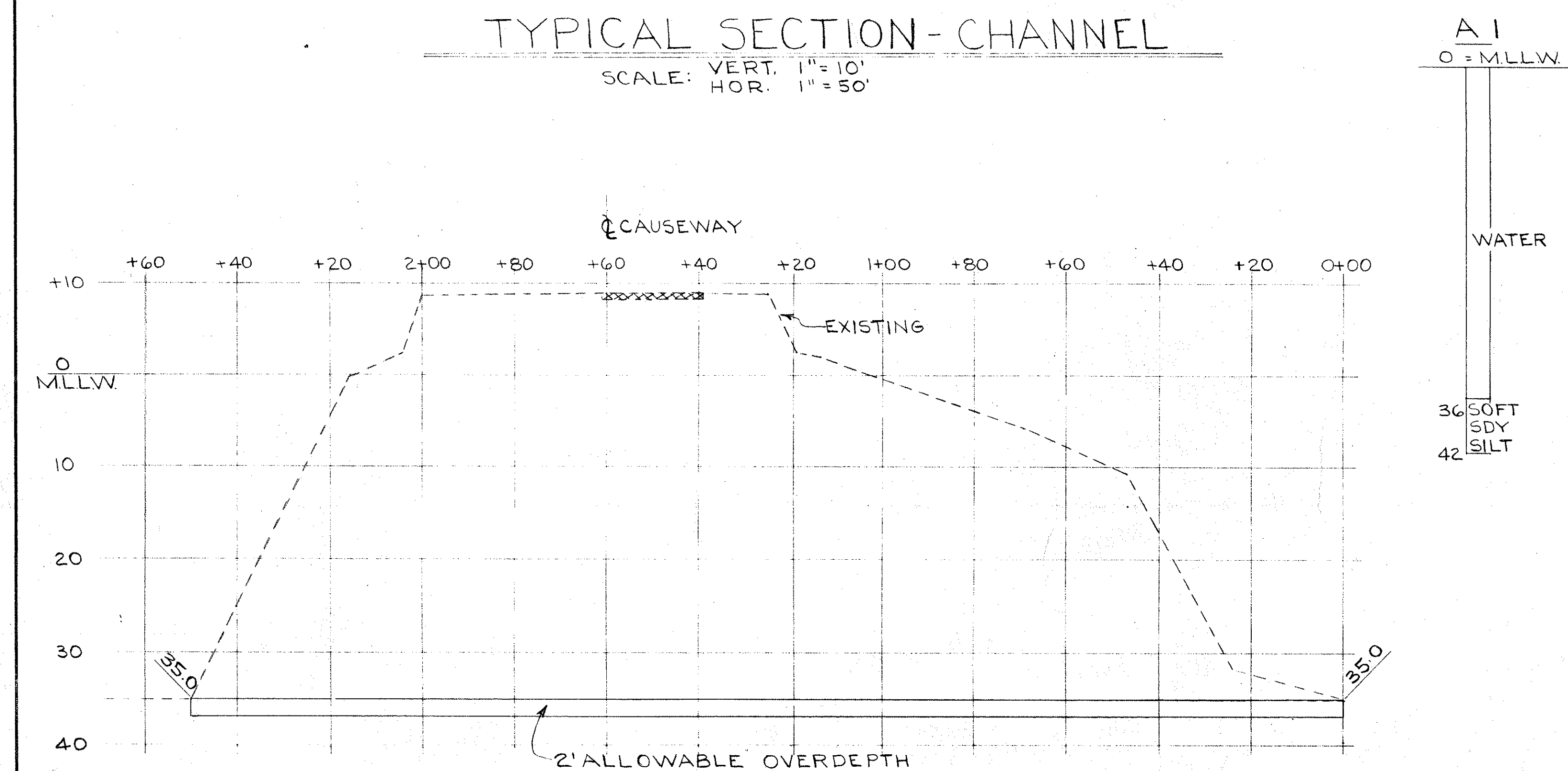


BORING LOCATIONS

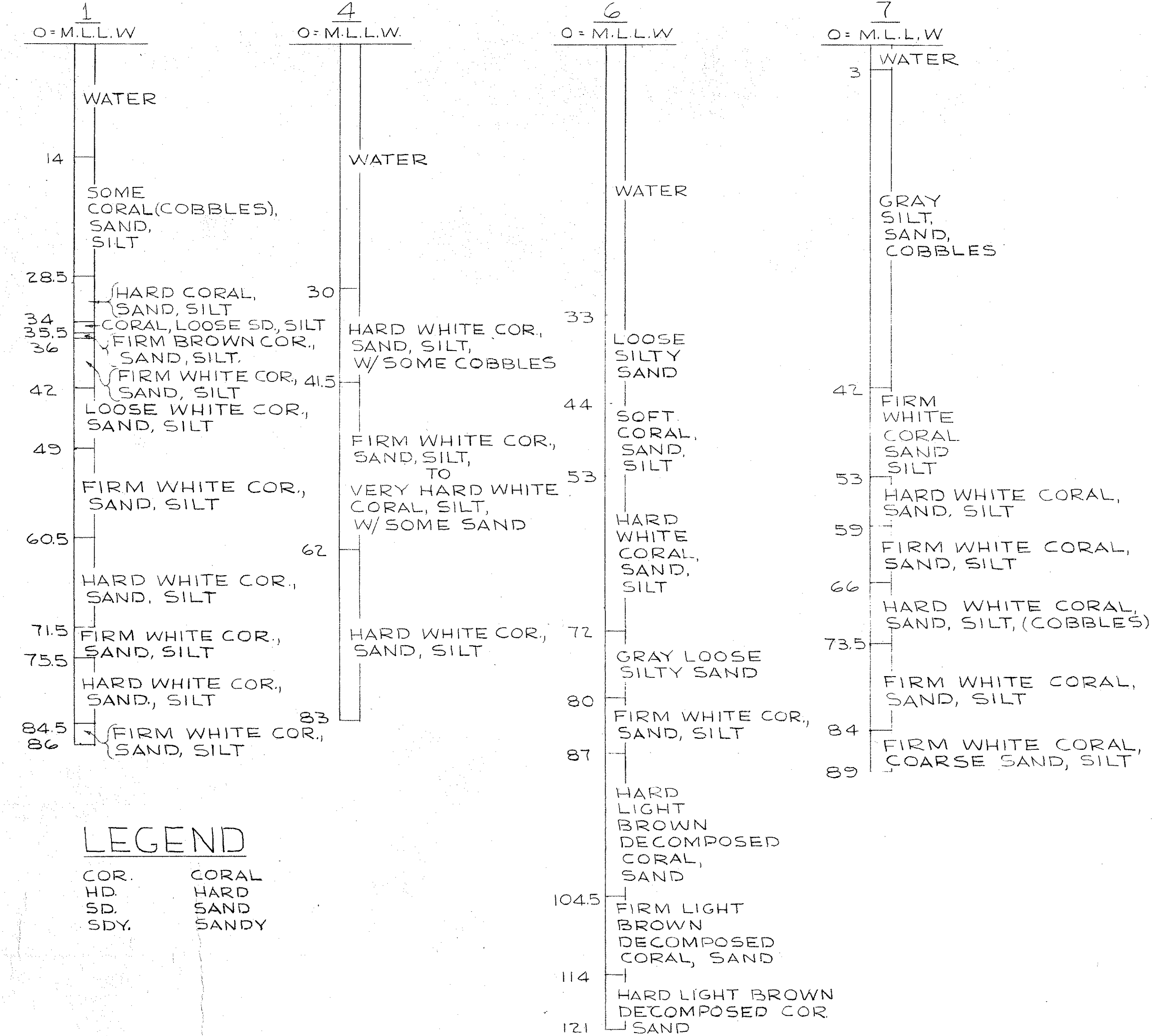
SCALE: 1"=2000'



TYPICAL SECTION - CHANNEL

SCALE: VERT. 1"=10'  
HOR. 1"=50'

TYPICAL SECTION - CAUSEWAY

SCALE: VERT. 1"=10'  
HOR. 1"=20'

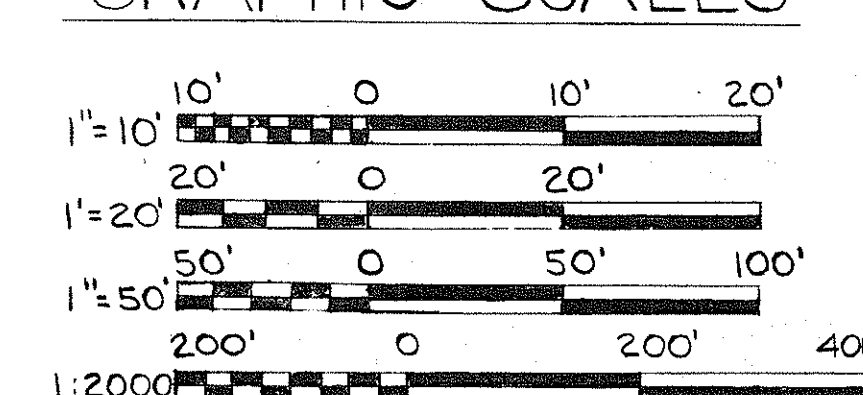
LEGEND

COR. CORAL  
HD. HARD  
SD. SAND  
SDY. SANDY

LOGS OF BORINGS

SCALE: 1"=10'-0"

GRAPHIC SCALES



|                                                                                    |  |                                                                             |  |
|------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------|--|
| LAW & WILSON, TUDOR ENGINEERING CO.,<br>ARCHITECTS & ENGINEERS<br>HONOLULU, HAWAII |  | U.S. ARMY ENGINEER DISTRICT HONOLULU<br>CORPS OF ENGINEERS<br>SAN FRANCISCO |  |
| DRAWN BY:<br>S.H.F. L.C.                                                           |  | HONOLULU HARBOR, OAHU, I.H.                                                 |  |
| CHECKED BY:<br>S.H.F.                                                              |  | SECOND ENTRANCE CHANNEL                                                     |  |
| SUBMITTED BY:<br>S.H.F.                                                            |  | BASCULE BRIDGE                                                              |  |
|                                                                                    |  | DREDGING                                                                    |  |