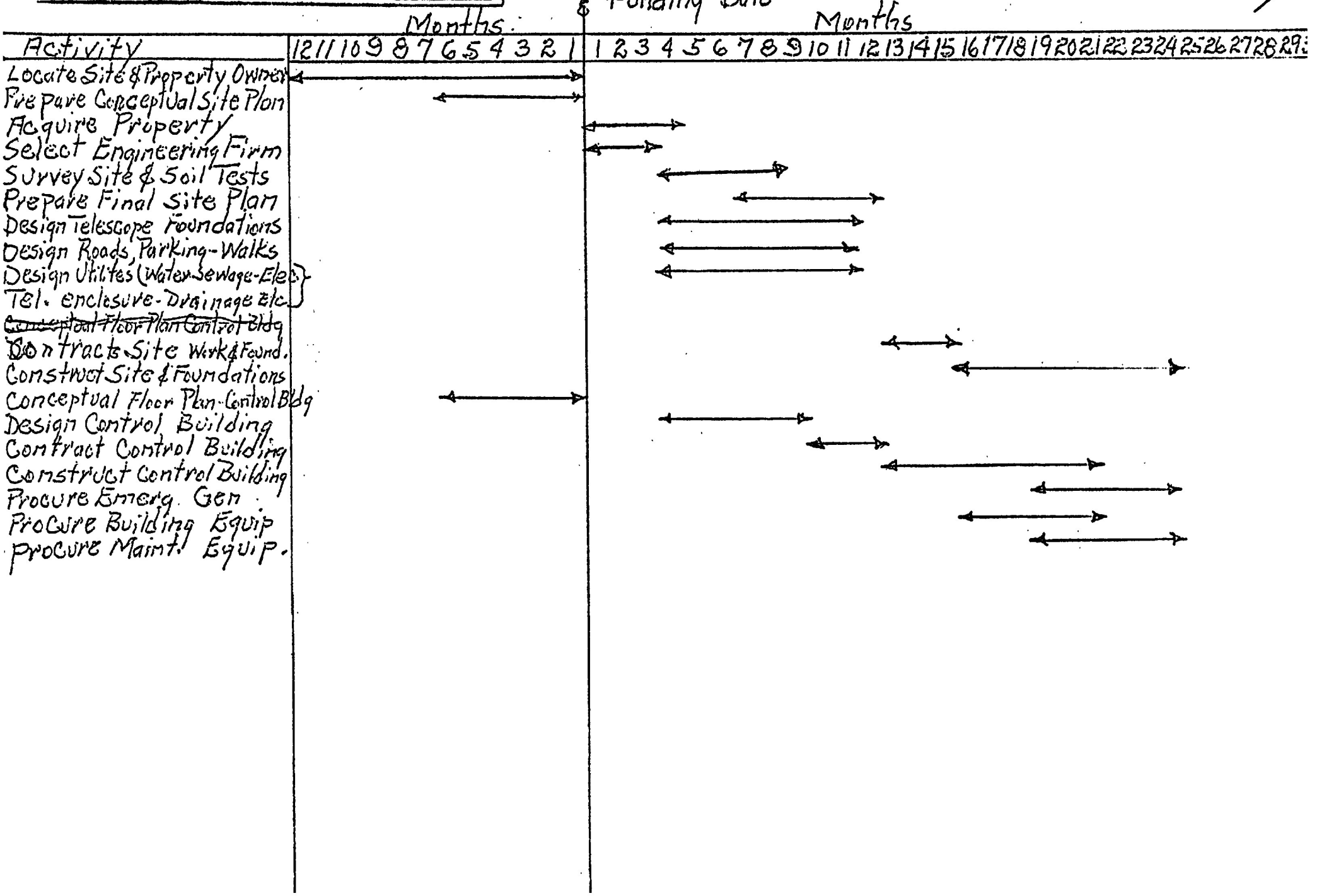
VLB ARRAY

Site Development Program (Typical Site)

8/21/80

Peery

VLB ARRAY MEMO No. 13



25M- 110' x 65' = *7150 ft² (32x42 = 1344ft²) 500KW

Dif: 22x68x2 = 2992 ft² (21x31 = 651 ft²) 85KW (Two Ant
21x31x2 = 1302 ft²
(Total) 4294 ft²

300'
22x38x2 = 1672 ft² (33x30 = 990 ft²) 55 KW
41x30x2 = 2460 ft²
+ Storage Bldgs 4132 ft² (Total)

45' 7'x20' = 140 ft² 20KW

Proposed 45' (Addition to Interferometer. 30KW
15'x10' = 150ft² (Storage)
50'x9' = 450ft² Trailer (Control)

35-1 22'x50' = 1100 ft² (33x22 = 726ft²) 45 KW

30 KW (VLA A

* Does Not include living Quarters -

Road 12' Wide $15/foot to $30/foot - +$10/cu Excava
Bldgs - $55/ft² $25 + 200 = 5,000
Elec. U.G. $12/Ft. 12 x 200 = 2,500
Elec - O.H. $6/
35-45K AUI Cost / Person
EM - Gen $400/KVA [50KVA to stow]
MG - $800/KVA
UPS - $1750/KVA uninterupted pwr service
service Elev. $15,000 - $250,000
Soil Tests 5K - foundation 50K.
Property -
Well 3K.
Septic System - 2K.
Telephone -

Grading Seeding - Planting

$16" Cord - 800#

ft²

B6) 7' x 18 = 126 Storage
20 x 20 = 400 Control
18 x 16 = 288 Observers Lounge
10 x 12 = 120 Electronic Shop
10 x 10 = 100 Engineer
10 x 10 = 100 Shop
8 x 8 = 64 MG.
1199 ft² Total (Inside dome)

400 ft² Control Rm Bldg) 116 KW Peak

66' x 37' = 3640 ft² (Lab. Bldg.)

+ { Operators Cottage
3 - Trailers
1 - Storage Building