

I.H. 1.63

Vert.  $\angle$  100.3<sup>R</sup>

~~90.2~~<sup>o</sup> .30<sup>R</sup>

.27<sup>o</sup>

cos 999988896

slope dis: 50.711

P = 50.71

100.3075

.3075<sup>R</sup>

~~27656~~<sup>o</sup>

.27675<sup>o</sup>

.663<sup>R</sup>

.5967<sup>o</sup>

.660

.594

4.0193

3.61737

29.23763202

104.2548

3.82914

33.063

$\angle$  107.7452

7.7452<sup>R</sup>

.67068<sup>o</sup>

7.6741<sup>R</sup>

6.90669

17.476

104.2856<sup>R</sup>

3.85704<sup>o</sup>

35.68299439

245

3.32

19.25

2.505

I.H. 21.755

→ 1.555

→ 3.05

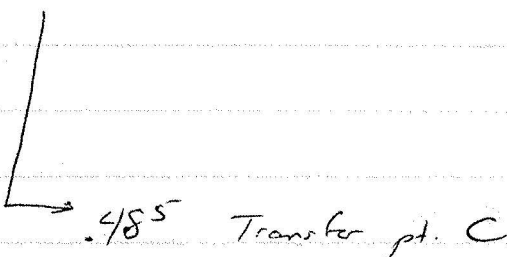
I.H. 23.25

→ .27 (B)

→ 2.515

Thin I.H. cutting ~  
25 cm above top back  
Sphinx

25.495 I.H.



→ 3.745

I.H. 28.755

→ .56 Trans. pt. D

→ 3.275

I.H. 31.47 - passes 30-50 cm  
above Sphinx head top

→ .24 Trans. pt. E = Geo. pt. 24 top

→ 3.72

I.H. 34.95

Geo pt. 22 18.475

Transfer pt. A 20.2

→ 1295 G.P. 23  
= 21.955

Transfer pt. B 22.98

→ 1.93 bottom thin masonry units at base

Geo. pt. 24 = 23.565

Trans. pt. C = 25.01

Trans. pt. D 28.195

→ .24 Geo. pt. 24 top  
= 31.23

→ 31.23

→ Geo. pt. 21 → .675 34.275

I.H. 23.34 - ~ 20-30 cm above top  
back Sphinx behind head  
→ 3.12 on A (20.22 - 2 cm off)  
(accepted - O.K.)

→ 1.625 on A 20.22 - O.K.

I.H. 21.545

→ Geo. pt. 22 3.35 = 18.495

↳ 2 cm error

→ 490/3038.04 2.575

19.27

CLOSED to within  
2 cm.

BACK CHECK I.H. 34.95

→ 3.72

Geo. pt. 24 =  
Trans. pt. E

→ .865

E - O.K.

I.H. 32.095

→ 3.895 on D

→ .46

I.H. 28.66 gives 28.2 ft. D  
D - O.K.

→ 3.645 on C; C - O.K.

→ 0.325 on C; C - O.K.

I.H. 25.34

→ 2.35 on B; (22.99) O.K.

→ .35 on B; 22.99 - O.K.

I.H. 23.34

Geo Point 25 - Elevation run

B.M. 8 Nail in Brick in <sup>Modern</sup> AII Temple MSL GS

SW corner  
E500-N.2963.79      25.306  
~~25.~~      15.975

15.975  
→ 2.85

I.H. 18.825  
→ 0.10      18.725    T.P. A  
→ 3.41

I.H. 22.135  
→ .545      21.59    T.P. B  
→ 3.715

I.H. 25.305  
→ .35      24.955    T.P. C  
→ 2.39

I.H. 27.345  
→ 2.90      24.445 - Geo pt. 25

CHECK BACK

I.H. ~~25.305~~ 27.345  
→ 2.39    T.P. C    O.K.  
→ .20

I.H. 25.155  
→ 3.555    T.P. B    21.60    O.K.  
→ .69

2.865

I.H. 22.29      21.60    O.K.  
→ ~~3.01~~    T.P. A  
→ 3.405

MSL GS

500-3027 22.916 13.585

→ 3.64<sup>5</sup> I.H. 17.23

→ .21 → .21 Tran pt. A 17.02

→ 2.29

I.H. 19.31

→ .08<sup>5</sup> on 490/3038.04

19.22<sup>5</sup>

256.663  
256.651  
256.656  
256.661  
256.660

I.H. 1.62

STATION E490-N3038.04 Top NW corner V.T.

0° → Canyon Axis to E600, E602

Geo point 22

Horizontal  $\angle$  338.2716<sup>R</sup>

Vertical  $\angle$  100.3606<sup>R</sup>

.3606<sup>R</sup>

.32454°

Slope distance 142.188 m

D = 142.185719 m

Geo Point 23

Horizontal  $\angle$  345.624<sup>R</sup>

Vertical  $\angle$  99.1146<sup>R</sup> Tran 100

.8854<sup>R</sup>

.79686°

Slope D 192.316 m

D = 192.2974007

Geo point 24

Horizontal  $\angle$  350.9539

Vertical  $\angle$  97.0385<sup>R</sup>

2.9615<sup>R</sup>

2.66535

Average Slope D 256.66582

D = 256.3881538

Geo Point 25

Horizontal Angle 100.0969<sup>R</sup>

Vertical " 90.609<sup>R</sup>

9.391<sup>R</sup>

8.4519°

Slope D 94.502 94.502  
94.501

D = 93.47567061 m

(Residue II)  
Member I-II Contact top of Amphitheater  
N. Ledge