

2008

PVN-005-Urban-Field Notes-2008-002

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Atholl

~~King Stables~~

~~Spital~~

~~Balgownie~~
~~Johnston~~

Esplanade

~~Row~~

~~Heriot~~

~~Kirk~~

~~Colme~~
~~High Riggs~~

Fountainbridge

Sample

Ferry

Queensferry

Young

~~Fredrick~~

Glenfinnan

~~Banks~~
~~New House~~

Patric

~~Bristle~~

Silverton

Muirhouse

~~Cannock~~

Glenpenny

Chermiston

Barnston

~~Cuthbert~~

Coates

Comely

Saughton

Lutheran

~~Gorge~~

~~Cowgate~~

~~Gogarburn~~

~~Brighton~~

~~Longstone~~

Wester

Hales

~~Dumbell~~

~~Cartberry~~

White Craig

Cousland

Dalkeith

Loss wade

Wanhead

Flaverel

Straiton

Swanston

Torphin

Spylaw

Bloomiehall

Morningside

Slateford

✓ Stanhouse
✓ Redhall
✓ King's knowe
✓ Baberton
✓ Sighthill
✓ Gyle
✓ Corstophine
✓ Drum brae
✓ Brunsfield
✓ Lawriston
✓ Fel ford
✓ Liberton
✓ Napier
✓ Morton hall
✓ Amislee
✓ Dilton
✓ Braeall
✓ Granton
✓ Warriston

✓ Bonnington
✓ Meadows
✓ Stake bridge
✓ Albert Road
✓ Newington
✓ Roseburn
✓ Merchiston
✓ Puddingston
✓ Inverleith
✓ Lochend
✓ Murrayfield
✓ Figgatefield
✓ Ravelston
✓ Craigmiller
✓ Carrick
✓ Craigentony
✓ Knowe
✓ Seafield
✓ Saughston
✓ Hawkhill
✓ Doley
✓ Meggetland
✓ Craiglockhart
✓ Merchiston
✓ Braedburn

T # IH 145.8 cm vj 1/25/04

27 March 2008

Site 647

Setting main station and
North stake with optical
transit

IH = 1.489

LO	Top	Bottom	middle
	2198	1912	<u>2055</u> 43

Job 647 map 27 March 08
called 03-27

Δ to N stake

RH

IH 1.46

pt 1 is setup

Pt 2 ~~is North stake~~
original datum from
2006

Pt 3 and on are main group str

3-6 str 20

7-15 str 19

16-20 str 18

21-24 str 17

27 March 08 Site PUN 642

Pts 26-33 Str. 17

34 - Plowed str. center 6m diam

35 sherd scatter 4m diam

36-42 Str. 16

43-46 Str. G

47-50 Str. 28

51 sherds 4m diam

52 sherds m diam

53 dead str. ? m diam

54 sherds

55 sherds

56 dead str

57 sherds

58 sherds

59-63 Str. 15

64-68 Str. 27

69-72 Str. H

73-81 Str. 14

82-85 Str. A

86-90 Str. 11

91-95 Str. 10

96-99 Str. 9

100-103 Str. I

104-115 Str. 12

116-118 Str. 26 no NE corner

Scale: 1 square = _____

Scale: 1 square = _____

119.02

180

299.02

27 March PUN 647

119-122 str F

123-129 str D

130-133 str E

134-

~~contour~~ Shady

135

plowed str 6m diam

136-138

contour

139-142

str. J

143-146

str K

147-165

contours

166-170

str. 29

171-~~175~~

str. 21

176-180

str ~~22~~ 22

181-185

str. ~~23~~ 23

186-189

str L

190-193

str. M

194

rock pile

195

rock pile

196

rock pile

197

rock pile

198-201

contours

~~202~~ 202

poss. plowed str.

203

poss plowed str.

204

contour

205

Δ 2 in Reel group

TH 1.445 206

Δ 2 \rightarrow Δ 1

119.021 06

Scale: 1 square =

distance 95.183 m 101.88

27 March Site PUN 647

206 shed scatter

207-214 str. 5 ~~sheds~~

215-218 str. N

219-222 str. O

223-227 str. 4 ~~sheds~~

228-236 str. 2

237 237-240 str. P

241-246 str. Q

247-250 str. 3

251 dead str 5m diam

252-270 str 1 pts contour

271-272 contours

273 ghebrads

274 plowed str

275-277 str. 1 points

278 plowed str

279 poss. str

280 poss. str

281-293 str. 6

294-299 str 7

300 plowed str

301 plowed str

302-305 str 5

306-311 str 13

317-318 modern wall

319-315 str. 8

318-325 Str 24A + B

326

~~24A~~ STR R

327-330 Str T

331-332 Str 24A

333-335 Str U pt.

336-339 Str 31

340-343 Str 25

344-347 Str 30

348 Str 32

1 April 2008

Site 047

Setup on Δ 1

circle set to NORTH

Contours

IH = 1494 probably really 1440

RH = ~~200~~ 200

BS arde 0.00

BS Azimuth ~~350~~ 0°

~~150~~

45

Distance 28.173

RH 1.5

353 - 315

fence

~~360~~

water

366 - approx 384

contour

398 +

380 - 408

contour +

about

stone wall

3 before
it are
fence

409 \rightarrow T3

on WEST side of
wash

RH 1.5 RH 1.494 probably 1.440

1 April 2008

Site 647

$\pi 1$ to $\pi 2$ pt. 409
L 94.53' 37"

distance

1410 Station 13 \rightarrow Station 14

JH 1.429 OK

RH 1.50

pt. 411 -

contours W of
wash

414-416

stone outcrop

416-

stone outcrop wall

418

wall becomes fence

419-428

fence

~~429~~ 429-541 contour

542-549 549 is last fence pt

550 is just a contour

550-554 - contour & wash

\rightarrow contour & wash

554 $\pi 4$

L 94.53 distance

1.80.00
274.53

Scale: 1 square =

Scale: 1 square =

1 April

55 new occupy pt for reverse

~~949.003~~
274.53

Dist ~~1.79~~

179.543

TH 1.479

prob 1390

RH 1.5

shooting back to T (3)

Made huge error. Am
now going to setup on the
original station, set to
north, and then reshot

Delete pts 554 and 555

TA to IV stake pt. 556
10 dist 28.2

David had rod @ 1.52
for contours

3 April 2008

PVN 202 has Canoe

Using optical transit
to set up N, S, E, and
W stakes, to be set
with heavy metal markers
later.



TI main stake on Str. 1,
NORTH of str. center.

	Scope	Center	Bottom	Top	Dist
1. N	0	5573	5472	5777	30.5
2. West					

PT	Scope	Horz	Center	Bot	Top	Dist
1. N	0	0	5573	5472	5777	30.5
2. W	0	270	5045	4847	5261	41.4
3. S		no 180 readings possible				
4. E	0	90	4865	4694	5045	35.1

At 1 IH = 1.455 RH 1.55
BS direction 80° Back sight circle 0°
Distance 39.4

$$\begin{array}{r} 22.329 \\ 202 \overline{) 329} \end{array}$$

Scale: 1 square =

#11 Str 24 → Zac-David

699.5509

DIST 69.720

shooting side
shot

Zac-David → Str. 24 using
back site

310
-180
130

~ April 2006 PVN 202

Job PVN 202 experiment 04-03-2008

IH 1.458

RH 1.58

plan pts on str. 46 (David)
and 49 (Zac)

set up on pt. 5 David SE
backside start

BS Direction 310.4890

angle error 0

HD error 0.042

VD error 0.141

Distance 74.396

12-54 Structure pts 49

55-88 excavation limits

89-133 Str. 46 plan points

46-49 excavated area = 73.866 m²
or 0.007 ha

134-164 Str 59 (Gabriella) plan points

165-172 Str 59 Excavation limits

Site 648

Job 648 - 04-09-2008

map and plan ptr

I H 1.456

RA 1.55

1 start on str 1

Back sight 0.0 NORTH

Distance 5.672

3-255 Structures plan
points

256-3/4 contour points

198.4952

-180

18.4952

254.4832

-180.0000

74.4832

14 April 2008

Job

@ Canoeas

BS direction 18.4952 BS Dist = 38.67

LH 1336

RH 1.55

Shaking plan pts. on
str. 56 exc. lower Britain

173 - 284 st. plan pts

285 - ~~320~~ 29 excav. limits

330 sighting to START again
str. 4 330 - 414 (20) plan pts

415 - 441 plan pts str 56

New setup pt #6 near

str. 81

Fore sight f/pt = 254.4832

LH 1405

RH 1.55

Back sight 74.4832 Dist 50.536

442 - 490 plan pts str 56

~~491~~ 508 - 535 excav. limits

536 - 538 str. 81 CONCH doorway

491 ~~491~~ - ~~491~~

to 507

Clay's str
including excav.
limits

198.4952
-180
18.4952

16 April 2008 Site 202 Canoas

Shooting plan pts.

Set up on P+L

Back sight to start

Back sight L 18.4952

Back sight Dist 38.76

LH 1.332

RH 1.55

Str. II (Laura Yakas)

pts 538 to 612 plan points

errors (576 is TOUCAN

in labeling

on Reichen

BOOBY S is BOOBY W

587 COTINGA S

687-714 excavation limits
points

17 April 2008

PUN 202 plan points

$$I H = 1.334$$

$$R H = 1.55$$

Occupied pt 6 (John-Lava)

Backsight pt 1 Start

≈ 18.4952

Distance ~~38.76~~ 38.76

613 shooting to Start

≈ 18.4952 Dist 38.678

.09 cm error horizontal dist

614-663, and ⁶⁸⁵~~686~~ Str. 104 plan points

pt 651 = J YNX NORTH

664-683 = excavation limits

Str. 11 687-714 = excavation limits

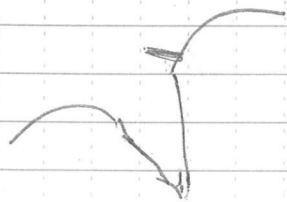
pt 715 setting backsight
circle to 18.4952

17 April continued

Str. 7 plan pts
716 -

Scale: 1 square = _____

Scale: 1 square = _____



265.1945
 - 180
 85.1945

19 April 2008

~~Milagro~~ Milagro 18-4-08

Setting to N

Dist 2.723 to N stake
 K 0

RH 1.55 IH 1.410

str. 1 3-~~18~~8

str 2 9-17 delete point 15

str 3 18-20 length taped 21m N-s

~~str 4~~ 21-26 tapes flat area
 and road

27- down queue

note Pnt 61 - change ~~rod~~ to 2.5m

P1 start → pt 63 traverse
 & 265.1945 DIST 60.085

New station op 63

RH 1.55 IH 1.418

check dist ~ 60.098

Tr 4 71

$$\begin{array}{r} 231 \\ - 140 \\ \hline 55 \end{array}$$

$$\begin{array}{r} 288 \\ - 180 \\ \hline 108 \end{array}$$

April 2018

str. 5 76-89
 str. 6 90-97
 str. 7 100-

str. 9 - 112

str. 10 113-119

str. 11 120-129

124 ~~55~~ Summit W

str. 12 130-133

str. 13 134-

str. 14 - 148?

str. 15 - 151

str. 16 152-

Tongtuz → 162 future station

~~298.0541~~ Dist ~~99.06~~
 298.0541 99.06

Tongtuz → 163 station

235.5659 Dist 32.387

moving p pt. 163
 back sight pt. 63

str. 18 corner W / pt. 63

235.569
- 180

55.569

286
- 186

100

~~198~~

19 April 2008

OP 163 Backsight 63
L 55.569 Dist 32.387

sketch dist
error 32.760 error 0.073

second time

IH 1.360 RH 1.52
read dist 32.472
error 0.085

str. 16 164 - 170

on pt 171 read @ 1.52, prob.
also for pt. 170

str. 19 173 - 182

str. 20 183 - 185

str. 21 186 - 196

str. 22 198 - 205

pt. 163 to pt 197
Fore sight L 286.1116 Dist 47.278

Setup on pt. 197 to 163 ^{IH} RH 1.31
Backsight 106.1116 RH 1.50
Read distance 47.235

pt. 198 is really str. 22 ~~SE~~ 1 square =

Str. 23 206-

set up on pt 162

problems w/ back sight, so setting

OK to N again @ pt 162T

pt 162 to N deleted

162 → 63 118.541
read distance 99.24

~~Str 24~~

Sta 25 217-220, 233-234

Str 26 221-226

Str 27 227-232

Str 28 235-238, 240

- Road → 239

Str 29 241-245

- Road 246

310

-100

130

Scale: 1 square = _____

21 April 2008 PVN²⁰² Las Canoas
Plan points, beginning with
Str. 61 and 60, and sub structures
Job PVN 202 experiment 04-03-2008
setting to N

OP 5 IH 1.46 RH 1.55

Backsight start p. 1

Backsight to 310. 4840

Orig distance 74.405

Read distance 74.385

Pt 842⁻⁸⁷⁹ Str. 61 plan points
from to 8 rod in machine
as 0 (zero), but should be
1.55

Im in top 5 pt 904 4345.3510
Dist 24.7

Sub A 880 - 895

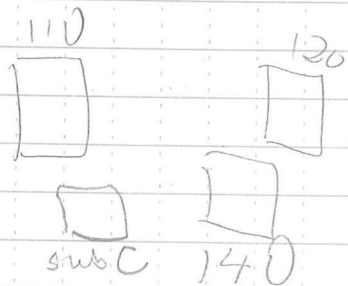
Sub B 806 - 901

Str. 60 902 - ~~901~~ 950

60-61 excav limits 951 - 988

Str. unmapped pts. 990 - 999

New OP 6 shooting to Pt. Start
Δ 18.4952 Dist 38.76
Scale: 1 square = 38.66 2



Scale: 1 square = _____

21 April PVN202 Canal
plan pts
SOB PVN202 Experiment 04-03-2008

Str. 22 plan pts 999 - 1059
excavation limits 1060 - 1085

Str. No Name 990 - 998

AREAS

Str. 60-61 145,437 m²

Str. 22 55,165 m²

Str. 10 plan pts 1086 -

Scale: 1 square = _____

23 April PVN 202 has Canada
plan pts

Job PVN 202 experiment 07-03-
2008

IH = 1.428

RH = 1.55

setting to PTH start

Opt 6

& 18.4952 Dist 38.76

Distance check 38.739

Str. 23 plan pts 1164 -

Str. combined with Str. 23

Str 10 plan pts

Str 133 plan pts

Str 12 1343 -

Str 116

Last pt. 1533

24 Apr 08

PVN ZOC Las Cascaas

Plan Pts

IH: 1.61

RM: 1.55

Str 8

1534 - 1613

Str 81

1614 - 1623

Str 70

1624 - 1704

pd plaza test

1705 - 1708

rcd clay shots

1709 - 1726

25 April 2008 PVN202 Canada
Job PVN202 experiment 04-03-2008

IK = 1.321

RH 1.50

OP 1

Back sight Pt 4

198.4952 DIST 38.76

shot dist 38.713