

Massachusetts State Police Crime Lab Chemist, Bob Pino collected all of the evidence at the crime scene and wrote a report on his findings.

For items # 85, 86, 91, and 94 he reported that no items were found in the envelope. What happened to the items?

Pino listed 59 items had the presence of blood on them (page 17). Mary Kate McGilvray only reported to test 21 of those items.

Several years after this case, Pino was fired from the Director's position at the State Police Crime Lab for improper reporting methods in other cases.



WILLIAM F. WELD
GOVERNOR

KATHLEEN M. O'TOOLE
SECRETARY

COLONEL CHARLES F. HENDERSON
SUPERINTENDENT

The Commonwealth of Massachusetts
Department of State Police
Crime Laboratory

59 Horsepond Road
Sudbury, Massachusetts 01776
Telephone (508) 358-3100
Fax (508) 358-3111

November 2, 1995

LAB. NO. C95 - 704 SOMERVILLE

Examination of Materials in Connection
with a Fatal Stabbing at Somerville on
July 23, 1995.

Victim: Janet Downing
Suspect: Edward O'Brien

On July 23, 1995, at the request of Sergeant Gregory Foley of the Massachusetts State Police Middlesex CPAP I proceeded to Somerville Police Department where at 3:30 am I received the following items from Sergeant James Stanford of the Somerville Police Department in connection with the above subject:

1. Black sneakers
2. Green shorts
3. White T-shirt
4. White underwear
5. Swabbing from left leg
6. Swabbing from right shin

I then proceeded to number 71 Boston street, Somerville the right side of a duplex house where I made the following observations:

- a. Blood stains on the front door
- b. Two pictures on floor by front door
- c. Blood stains on stairs leading to second floor
- d. Blood trail from stairway to bathroom
- e. Blood trail leading to dining room

COPY

- f. Blood stains on dining room carpet
- g. Blood trail leading through kitchen to cellar door
- h. Blood stains and smears on walls of cellar stair case
- i. Blood stains on post at the bottom of the cellar stair case
- j. Blood stains on clothing hanging on clothes line in cellar
- k. Blood stains and smears on cellar exit door by dead bolt

I then removed the following items for further examination at this laboratory:

- 7. Blood stain extract on floor between bathroom/front door
- 8. Blood stain extract on floor between bathroom and front door
- 9. Blood stain extract on floor between bathroom/front door
- 10. Blood stain extract on threshold of front door
- 11. Blood stain extract on floor in front of dining room 11" by 5"
- 12. Blood stain extract on inside of front door
- 13. Blood stain extract on front door above inside door knob
- 14. Blood stain extract on right door jam of dining room doorway
- 15. Blood stain extract on third stair carpeting on staircase
- 16. Blood stain extract on fourth stair carpeting on staircase
- 17. Blood stain extract on fifth stair carpeting on staircase
- 18. Hair from fifth stair baseboard
- 19. Blood stain extract on fifth stair right baseboard on staircase
- 20. Blood stain extract on fourth stair baseboard on staircase
- 21. Metal piece on third stair

COPY

22. Blood stain extract on right wall 30" above second stair
23. Blood stain extract on dimmer switch in dining room
24. Blood stain extract of blood pool on dining room carpet.
25. White and blue shorts
26. White underpants
27. White flakes on dining room carpet
28. Carpet sample from stairway
29. Carpet sample from dining room
30. Blood stain extract on kitchen floor 3", 6", 8" and 15" from door jam
31. Blood stain extract on kitchen floor 54" from door jam
32. Blood stain extract on cellar door knob inside kitchen
33. Blood stained rubber bands on cellar door knob
34. Blood stain extract small smear on right wall inside cellar stairway
35. Blood stain extract large smear on right wall inside cellar stairway
36. Blood stain extract on left wall inside cellar stairway
37. Blood stain extract behind cellar support post
38. Pink dress (cellar clothes line)
39. Blue blazer (cellar clothes line)
40. Green shirt (cellar clothes line)
41. Hair from wood block on cellar post
42. Blood stain extract from inside of cellar exit door by dead bolt latch
43. Hair from inside cellar door
44. Picture of Grapes on hall floor

I then received the following items from Sergeant Gregory Foley of the Massachusetts State Police Middlesex CPAP in connection with the above subject:

45. V-neck sleeveless blouse
46. Bra
47. Sheet (from Hospital)

COPY

48. Sheet (from Hospital)
49. Sheet (from Hospital)

At the request of Sergeant Thomas Sullivan of the Massachusetts State Police Middlesex CPAP I proceeded to number 71 Boston street, Somerville where I made the following observations:

- I. blood stain trail leading down Hamlet — street away from number 71 Boston Street.

I then removed the following items for further examination at this laboratory:

50. Side walk blood stains group #1 (120')
 51. Side walk blood stains group #2 (255')
 52. Side walk blood stains group #3 (240')
 53. Side walk blood stains group #4 (242')
 54. Side walk blood stains group #5 (251')
 55. Side walk blood stains group #6 (256')
 56. Side walk blood stains group #7 (262')
 57. Side walk blood stains group #8 (262')
 58. Side walk blood stains group #9 (264')
 59. Side walk blood stains group #10 (271')
 60. Side walk blood stains group #11 (279')
 61. Side walk blood stains group #12 (283')
 62. Side walk blood stains group #13 (300')
 63. Side walk blood stains group #14 (313')
 64. Side walk blood stains group #15 (324')
 65. Side walk blood stains group #16 (334')
 66. Side walk blood stains group #17 (335')
 67. Side walk blood stains group #18 (345')
 68. Side walk blood stains group #19 (in front of #4 Hamlet)
 69. Side walk blood stains group #20 (in front of #4 Hamlet)
- (distance from the corner of Boston and Hamlet streets)

I then proceeded to the Massachusetts State Police Crime Laboratory where I met with Trooper Wayne Reiley of the Massachusetts State Police Crime Scene Services Section where I removed the following item:

COPY

70. Blood stain extract from wooden post
by fingerprint

On July 25, 1995, Trooper Richard Mahoney of the Massachusetts State Police Middlesex CPAC delivered the following items to this laboratory in connection with the above subject:

71 - 94. Autopsy specimens kit
95. Blood sample of Janet Downing

On July 28, 1995, Trooper Joseph P. Duggan of the Massachusetts State Police Middlesex CPAC delivered the following items to this laboratory in connection with the above subject:

96. Head hair sample of Paul J. Downing
97. Blood sample of Paul J. Downing

On August 15, 1995, Trooper Richard Mahoney of the Massachusetts State Police Middlesex CPAC delivered the following items to this laboratory in connection with the above subject:

98. Roller blades
99. Earring
100. Orange Towel
101. Green and white Towel

On August 18, 1995, Trooper Stephen C. Belanger of the Massachusetts State Police Middlesex CPAC delivered the following items to this laboratory in connection with the above subject:

102. Knapsack
103. Grey T-shirt
104. Reebok sneakers
105. Metal knife

On September 1, 1995, Trooper David Otte of the Massachusetts State Police Middlesex CPAC delivered the following items to this laboratory in connection with the above subject:

C95-704

November 2, 1995

6

EXAMINATION

Item 1 - Black sneakers: This item consists of a pair of black "Reebok SHAQ" high cut sneakers size 14. A small blood stain was observed on the inside heel of the right shoe of this item. No further testing was attempted on this stain due to limited sample size.

Item 2 - Green shorts: This item consists of a pair of green "CODE ZERO" shorts size 40. A small blood stain was observed along the front hem of the right leg of this garment. Serological test results showed human blood to be present in these stains.

Item 3 - White T-shirt: This item consists of a white "Reebok" T-shirt size XXL. The letters " ABOVE THE RIM" appear on the front of this garment. Several dilute stains were observed on the lower front of this garment. A small stain was also observed on the front of the left sleeve hem. Serological test results showed human blood to be present in these stains.

Item 4 - White underwear: This item consists of a pair of white "SEARS" briefs size 38. No blood was detected on this garment.

Item 5 - Swabbing from left leg: Serological test results showed human blood to be present in this item.

Item 6 - Swabbing from right shin: Serological test results showed human blood to be present in this item.

Item 7 - Blood stain extract on floor between bathroom/front door: Serological test results showed human blood to be present in this item.

Item 8 - Blood stain extract on floor between bathroom and front door: Serological test results showed human blood to be present in this item.

Item 9 - Blood stain extract on floor between bathroom/front door: Serological test results showed human blood to be present in this item.

Item 10 - Blood stain extract on threshold of front door: Serological test results showed human blood to be present in this item.

COPY

C95-704

7

November 2, 1995

Item 11 - Blood stain extract on floor in front of dining room 11" by 5"; Serological test results showed human blood to be present in this item.

Item 12 - Blood stain extract on inside of front door; Serological test results showed human blood to be present in this item.

Item 13 - Blood stain extract on front door above inside door knob; Serological test results showed human blood to be present in this item.

Item 14 - Blood stain extract on right door jam of dining room doorway; Serological test results showed human blood to be present in this item.

Item 15 - Blood stain extract on third stair carpeting on staircase; Serological test results showed human blood to be present in this item.

Item 16 - Blood stain extract on fourth stair carpeting on staircase; Serological test results showed human blood to be present in this item.

Item 17 - Blood stain extract on fifth stair carpeting on staircase; Serological test results showed human blood to be present in this item.

Item 18 - Hair from fifth stair baseboard; Microscopic examination of this item revealed broken brown caucasian head hair section consistent with the hairs observed in the head hair standard of Janet Downing (Item 72).

Item 19 - Blood stain extract on fifth stair right baseboard on staircase; Serological test results showed human blood to be present in this item.

Item 20 - Blood stain extract on fourth stair baseboard on staircase; Serological test results showed human blood to be present in this item.

Item 21 - Metal piece on third stair; This item consists of a 1 3/8" by 5/32" piece of stamped metal. A small blood stain was observed on

COPY

C95-704

November 2, 1995

8

this item. Serological test results showed human blood to be present in this stain.

Item 22 - Blood stain extract on right wall 30" above second stair:
Serological test results showed human blood to be present in this item.

Item 23 - Blood stain extract on dimmer switch in dining room:
Serological test results showed human blood to be present in this item.

Item 24 - Blood stain extract of blood pool on dining room carpet:
Serological test results showed human blood to be present in this item.

Item 25 - White and blue shorts: This item consists of a pair of white "ABSOLUTELY NO JEANS" shorts with blue flowers size 7/8. Several blood stains were observed along the front and rear of this garment. Serological test results showed human blood to be present in these stains.

Item 26 - White underpants: This item consists of a pair of white underpants. Several small blood stains, which were not characterized any further at this time, were observed on the rear of the garment. No seminal fluid residue was detected on this garment.

Item 27 - White flakes on dining room carpet: Microscopic examination of this item revealed several white paint chips.

Item 28 - Carpet sample from stairway: Microscopic examination of this item revealed more than fifty yellow synthetic carpet fibers.

Item 29 - Carpet sample from dining room: Microscopic examination of this item revealed more than fifty light brown synthetic fibers.

Item 30 - Blood stain extract on kitchen floor 3", 6", 8" and 15" from door jam: Serological test results showed human blood to be present in this item.

Item 31 - Blood stain extract on kitchen floor 54" from door jam:
Serological test results showed human blood to be present in this item.

COPY

November 2, 1995

Item 32 - Blood stain extract on cellar door knob inside kitchen:
Serological test results showed human blood to be present in this item.

Item 33 - Blood stained rubber bands on cellar door knob:
Serological test results showed human blood to be present in this item.

Item 34 - Blood stain extract small smear on right wall inside cellar stairway: Serological test results showed human blood to be present in this item.

Item 35 - Blood stain extract large smear on right wall inside cellar stairway: Serological test results showed human blood to be present in this item.

Item 36 - Blood stain extract on left wall inside cellar stairway:
Serological test results showed human blood to be present in this item.

Item 37 - Blood stain extract behind cellar support post: Serological test results showed human blood to be present in this item.

Item 38 - Pink dress (cellar clothes line): This item consists of a pink "Wonderland" dress size 8. Several small blood stains were observed on the rear of this garment. Serological test results showed human blood to be present in these stains.

Item 39 - Blue blazer (cellar clothes line): This item consists of a blue "Toni Garment" blazer size small. Several small blood stains were observed on front of the right sleeve and the lower rear of the garment. Serological test results showed human blood to be present in these stains.

Item 40 - Green shirt (cellar clothes line): This item consists of a green "BOGART" silk blouse size L. Several small blood stains were observed on front of the left sleeve and the left rear sleeve and lower left rear side of the garment. Serological test results showed human blood to be present in these stains.

Item 41 - Hair from wood block on cellar post: Microscopic examination of this item revealed one brown canine hair and one white feline hair.

COPY

Item 42 - Blood stain extract from inside of cellar exit door by dead bolt latch: Serological test results showed human blood to be present in this item.

Item 43 - Hair from inside cellar door: Microscopic examination of this item revealed one cut brown caucasian head hair consistent with the hairs observed in the head hair standard of Janet Downing (Item 72).

Item 44 - Picture of Grapes on hall floor: This item consists of a framed picture of grapes in a basket measuring 10" in length and 8" in width. Several white, brown and black feline hairs were observed adhering to the top of the frame of this item. Blood stains were also observed on the front lower portion of the frame and on the rear backing of the picture. Serological test results showed human blood to be present in the aforementioned stains.

Item 45 - V-neck sleeveless blouse: This item consists of a pink V-neck sleeveless blouse. The entire surface of this garment was blood stained. Thirty separate cuts were observed in this garment. Twenty-eight cuts being in the front of the garment and two being in the rear of the garment. The size and location of these cuts were as follows:

In the rear of the Garment

- a. a 3/8" cut, 7 1/2" up from shirt tail and 3 1/2" across from right side seam
- b. a 3/8" cut, 9 1/2" up from shirt tail and 10" across from right side seam

In the front of the Garment

- c. a 3" U-shaped cut, 1 1/2" up from shirt tail and 1 1/2" across from left side seam
- d. a 1/4" cut, 2 1/2" up from shirt tail and 7" across from left side seam
- e. a 1/4" cut, 3 1/4" up from shirt tail and 7 1/2" across from left side seam
- f. a 3/8" cut, 3 1/2" up from shirt tail and 7" across from left side seam
- g. a 5/8" cut, 3 3/4" up from shirt tail and 8" across from left side seam
- h. a 5/8" cut, 4" up from shirt tail and 7" across from left side seam
- i. a 1/2" cut, 4" up from shirt tail and 7 1/2" across from left side seam

COPY

- j. a 1/2" cut, 4 1/2" up from shirt tail and 7 1/2" across from left side seam
- k. a 1/4" cut, 4 3/4" up from shirt tail and 7 1/4" across from left side seam
- l. a 3/8" cut, 5" up from shirt tail and 7 1/4" across from left side seam
- m. a 3/8" cut, 4 1/4" up from shirt tail and 6" across from left side seam
- n. a 1/4" cut, 4 1/2" up from shirt tail and 5 1/2" across from left side seam
- o. a 1/2" cut, 5 1/2" up from shirt tail and 8" across from left side seam
- p. a 3/8" cut, 6" up from shirt tail and 7" across from left side seam
- q. a 1/4" cut, 6" up from shirt tail and 7" across from left side seam
- r. a 2" zig-zag cut, 5 1/2" up from shirt tail and 4 3/4" across from left side seam
- s. a 1/4" cut, 6 1/4" up from shirt tail and 8" across from left side seam
- t. a 1/4" cut, 7 1/2" up from shirt tail and 8 1/4" across from left side seam
- u. a 1/4" cut, 7 1/2" up from shirt tail and 7 1/2" across from left side seam
- v. a 1/4" cut, 7 3/4" up from shirt tail and 7" across from left side seam
- w. a 1/4" cut, 7 3/4" up from shirt tail and 7 1/8" across from left side seam
- x. a 1/4" cut, 9" up from shirt tail and 8 1/2" across from left side seam
- y. a 1/4" cut, 9 3/4" up from shirt tail and 8 1/2" across from left side seam
- z. a 3/8" cut, 9 3/4" up from shirt tail and 8" across from left side seam
- aa. a 1/2" cut, 12" up from shirt tail and 8" across from left side seam
- bb. a 5/8" cut, 11" up from shirt tail and 4" across from left side seam
- cc. a 1/4" cut, 12" up from shirt tail and 3 1/2" across from left side seam
- dd. a 7/8" L-shaped cut, 12 1/2" up from shirt tail and 2 1/2" across from left side seam

Serological test results showed human blood to be present in the stains observed on this garment:

Item 46 - Bra: This item consists of a white "Maidenform" bra size 34. The entire garment was blood stained. Thirty-nine separate cuts and tears were observed in this entire garment, twenty-four being in the front and the remaining fourteen being in the sides and rear of this garment. The cuts ranged in size from 1/2" to 7/8" in length.

COPY

C95-704

12

November 2, 1995

Item 47 - Sheet (from Hospital): This item consists of a white flat sheet measuring 92" in length and 64" in width. Several large blood stains, which were not characterized any further at this time; were observed on this item

Item 48 - Sheet (from Hospital): This item consists of a white flat sheet measuring 92" in length and 64" in width. Several large blood stains, which were not characterized any further at this time, were observed on this item

Item 49 - Sheet (from Hospital): This item consists of a white flat sheet measuring 92" in length and 64" in width. Several large blood stains, which were not characterized any further at this time, were observed on this item

Item 50 - Side walk blood stains group #1 (120'): Serological test results showed human blood to be present in this item.

Item 51 - Side walk blood stains group #2 (255'): Serological test results showed human blood to be present in this item.

Item 52 - Side walk blood stains group #3 (240'): Serological test results showed human blood to be present in this item.

Item 53 - Side walk blood stains group #4 (242'): Serological test results showed human blood to be present in this item.

Item 54 - Side walk blood stains group #5 (251'): Serological test results showed human blood to be present in this item.

Item 55 - Side walk blood stains group #6 (256'): Serological test results showed human blood to be present in this item.

Item 56 - Side walk blood stains group #7 (262'): Serological test results showed human blood to be present in this item.

Item 57 - Side walk blood stains group #8 (262'): Serological test results showed human blood to be present in this item.

Item 58 - Side walk blood stains group #9 (264'): Serological test results showed human blood to be present in this item.



COPY

Item 59 - Side walk blood stains group #10 (271'): Serological test results showed human blood to be present in this item.

Item 60 - Side walk blood stains group #11 (279'): Serological test results showed human blood to be present in this item.

Item 61 - Side walk blood stains group #12 (283'): Serological test results showed human blood to be present in this item.

Item 62 - Side walk blood stains group #13 (300'): Serological test results showed human blood to be present in this item.

Item 63 - Side walk blood stains group #14 (313'): Serological test results showed human blood to be present in this item.

Item 64 - Side walk blood stains group #15 (324'): Serological test results showed human blood to be present in this item.

Item 65 - Side walk blood stains group #16 (334'): Serological test results showed human blood to be present in this item.

Item 66 - Side walk blood stains group #17 (335'): Serological test results showed human blood to be present in this item.

Item 67 - Side walk blood stains group #18 (345'): Serological test results showed human blood to be present in this item.

Item 68 - Side walk blood stains group #19 (in front of #4 Hamlet):
Serological test results showed human blood to be present in this item.

Item 69 - Side walk blood stains group #20 (in front of #4 Hamlet):
Serological test results showed human blood to be present in this item.

Item 70 - Blood stain extract from wooden post by fingerprint:
Serological test results showed human blood to be present in this item.

Item 71 - 94 - Autopsy specimens kit: This item consists of a partially completed Tri-Tech Sexual Assault Evidence Collection Kit. The contents of this item were examined with the results as follows:

COPY

Item 71 - Pubic Hair Standard of Janet Downing: Microscopic examination of this item revealed more than thirty dark brown pubic hairs.

Item 72 - Head Hair Standard of Janet Downing: Microscopic examination of this item revealed more than two hundred dyed light brown caucasian head hairs.

Item 73 - Vaginal swabbings of Janet Downing: No seminal fluid residue or sperm cells were detected on these items.

Item 74 - Vaginal smears of Janet Downing: No seminal fluid residue or sperm cells were detected on these items.

Item 75 - Anorectal swabbing of Janet Downing: No seminal fluid residue or sperm cells were detected on these items.

Item 76 - Anorectal smear of Janet Downing: No seminal fluid residue or sperm cells were detected on these items.

Item 77 - Oral swabbing of Janet Downing: No seminal fluid residue or sperm cells were detected on these items.

Item 78 - Oral smear of Janet Downing: No seminal fluid residue or sperm cells were detected on these items.

Item 79 - Slides from top of head (3): No seminal fluid residue or sperm cells were detected on these items.

Item 80 - Hair from right hand atop index finger: Microscopic examination of this item revealed seven feline hairs and one brown hair fragment.

Item 81 - Fingernail scrapings from left hand: Microscopic examination of this item revealed one blood stained fingernail clipping.

Item 82 - Fingernail scrapings from right hand: Microscopic examination of this item revealed four blood stained fingernail clippings.

Item 83 - Stain on right hand: No seminal fluid residue was detected on this item.

COPY

Item 84 - Swab of right index finger: No seminal fluid residue was detected on this item.

Item 85 - Substance on lower right leg: No items were found inside this envelope.

Item 86 - Substance on left arm: No items were found inside this envelope.

Item 87 - Specks from neck area: Microscopic examination of this item revealed a clear synthetic fiber with several brown specks adhering to its surface.

Item 88 - Hair from right inner thigh: Microscopic examination of this item revealed a white feline hair.

Item 89 - White cotton from left inner thigh: Microscopic examination of this item revealed a white cotton fiber ball.

Item 90 - Hair from right upper thigh: Microscopic examination of this item revealed a brown pubic hair.

Item 91 - Substance on left hip: No items were found inside this envelope.

Item 92 - Hairs on right palm: Microscopic examination of this item revealed a blood stained brown caucasian hair fragments and several white feline hairs.

Item 93 - Substance on left hand: Microscopic examination of this item revealed a blood stained brown and white feline hairs.

Item 94 - Substance on left index finger: No items were found inside this envelope.

Item 95 - Blood sample of Janet Downing: This item has been submitted to the serology section of this laboratory for possible future analysis.

COPY

Item 96 - Head hair sample of Paul I. Downing: Microscopic examination of this item revealed more than thirty cut brown caucasian head hairs.

Item 97 - Blood sample of Paul I. Downing: This item has been submitted to the serology section of this laboratory for possible future analysis.

Item 98 - Roller blades: This item consists of a pair of Black "Roller Blades" inline skates. No blood was detected on these items.

Item 99 - Earring: This item consists of one earring. A positive chemical test for the presence of blood was obtained on this item.

Item 100 - Orange Towel: This item consists of an orange towel with the face of a lion on one side. The towel measures 53" in length and 29" in width. Light brown sand was covering this item. No blood was detected on this item.

Item 101 - Green and white Towel: This item consists of a green and white striped bath towel measuring 65" in length and 36" in width. Light brown sand was covering this item. No blood was detected on this item.

Item 102 - Knapsack: This item consists of a black "TRAIL MAKER" back pack. No blood was detected on this item.

Item 103 - Grey T-shirt: This item consists of a grey "Salem Sportswear" T-shirt size XL. No blood was detected on this garment.

Item 104 - Reebok sneakers: This item consists of a pair of black "Reebok Preseason" low cut sneakers size 10 1/2. No blood was detected on these items.

Item 105 - Metal knife: This item consists of a piece of metal in the shape of a knife. No blood was detected on this item.

Item 106 - Green shorts: This item consists of a pair of green "Blue Zone" shorts size 40. No stains were observed on this garment. No blood was detected on this garment.

COPY

CONCLUSION

Human blood was shown to be present in stains found on the stains observed on Item 2, Item 3, Item 5, Item 6, Item 7, Item 8, Item 9, Item 10, Item 11, Item 12, Item 13, Item 14, Item 15, Item 16, Item 17, Item 19, Item 20, Item 21, Item 22, Item 23, Item 24, Item 25, Item 30, Item 31, Item 32, Item 33, Item 34, Item 35, Item 36, Item 37, Item 38, Item 39, Item 40, Item 42, Item 44, Item 45, Item 50, Item 51, Item 52, Item 53, Item 54, Item 55, Item 56, Item 57, Item 58, Item 59, Item 60, Item 61, Item 61, Item 62, Item 63, Item 64, Item 65, Item 66, Item 67, Item 68, Item 69 and Item 70.

No further testing was attempted on the blood stain observed on the black high cut reebok sneakers (Item 1) at this time due to the limited size of the sample.

Brown caucasian head hairs which exhibited the same microscopic characteristics as the hairs from the victim's head hair standard (Item 72) were found in the hair from the fifth stair baseboard (Item 18), the hair from inside the cellar door (Item 43), the hair from right hand atop index finger: (Item 80) and the Hairs on right palm (Item 92). Accordingly, these hairs could have originated from the victim.

A white cotton fiber ball was observed in the sample marked white cotton from left inner thigh (Item 89). This item possessed the same microscopic structure as the white cotton fibers found on the white T-shirt (Item 3) and the the white and blue shorts (Item 25). Accordingly, these fibers could have originated from one of these cootton garments or a garment with the same structure as the two items.

The following items have been placed in frozen storage in the Serology Section of this laboratory for possible future comparative analysis.

1. Item 1 - Stained section of Black sneakers, control
2. Item 2 - Stained section of Green shorts, control
3. Item 3 - Stained section of White T-shirt, control
4. Item 5 - Swabbing from left leg
5. Item 6 - Swabbing from right shin
6. Item 7 - Blood stain extract on floor between bathroom/front door

COPY

7. Item 8 - Blood stain extract on floor between bathroom and front door
9. Blood stain extract on floor between bathroom/front door
8. Item 10 - Blood stain extract on threshold of front door
9. Item 11 - Blood stain extract on floor in front of dining room 11" by 5"
10. Item 12 - Blood stain extract on inside of front door
11. Item 13 - Blood stain extract on front door above inside door knob
12. Item 14 - Blood stain extract on right door jam of dining room doorway
13. Item 15 - Blood stain extract on third stair carpeting on staircase
14. Item 16 - Blood stain extract on fourth stair carpeting on staircase
15. Item 17 - Blood stain extract on fifth stair carpeting on staircase
16. Item 19 - Blood stain extract on fifth stair right baseboard on staircase
17. Item 20 - Blood stain extract on fourth stair baseboard on staircase
18. Item 21 - Extract of stain on metal piece
19. Item 22 - Blood stain extract on right wall 30" above second stair
20. Item 23 - Blood stain extract on dimmer switch in dining room
21. Item 24 - Blood stain extract of blood pool on dining room carpet
22. Item 25 - Stained section of White and blue shorts, control
23. Item 30 - Blood stain extract on kitchen floor 3", 6", 8" and 15" from door jam
24. Item 31 - Blood stain extract on kitchen floor 54" from door jam
25. Item 32 - Blood stain extract on cellar door knob inside kitchen
26. Item 33 - Blood stained rubber bands on cellar door knob
27. Item 34 - Blood stain extract small smear on right wall inside cellar stairway
28. Item 35 - Blood stain extract large smear on right wall inside cellar stairway

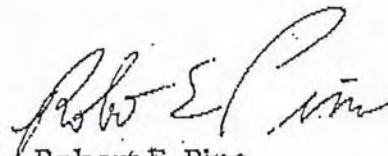
COPY

November 2, 1995

29. Item 36 - Blood stain extract on left wall inside cellar stairway
30. Item 37 - Blood stain extract behind cellar support post
31. Item 38 - Stained section of Pink dress, control
32. Item 39 - Stained section of Blue blazer, control
33. Item 40 - Stained section of Green shirt, control
34. Item 42 - Blood stain extract from inside of cellar exit door by dead bolt latch
35. Item 44 - Extract from picture of grapes on hall floor
36. Item 45 - Stained section of V-neck sleeveless blouse, control
37. Item 50 - Side walk blood stains group #1
38. Item 51 - Side walk blood stains group #2
39. Item 52 - Side walk blood stains group #3
40. Item 53 - Side walk blood stains group #4
41. Item 54 - Side walk blood stains group #5
42. Item 55 - Side walk blood stains group #6
43. Item 56 - Side walk blood stains group #7
44. Item 57 - Side walk blood stains group #8
45. Item 58 - Side walk blood stains group #9
46. Item 59 - Side walk blood stains group #10
47. Item 60 - Side walk blood stains group #11
48. Item 61 - Side walk blood stains group #12
49. Item 62 - Side walk blood stains group #13
50. Item 63 - Side walk blood stains group #14
51. Item 64 - Side walk blood stains group #15
52. Item 65 - Side walk blood stains group #16
53. Item 66 - Side walk blood stains group #17
54. Item 67 - Side walk blood stains group #18
55. Item 68 - Side walk blood stains group #19
56. Item 69 - Side walk blood stains group #20
57. Item 70 - Blood stain extract from wooden post by fingerprint
58. Item 95 - Blood sample of Janet Downing
59. Item 97 - Blood sample of Paul J. Downing

These items will be retained by the laboratory for no longer than one year from the date of the issued laboratory report. It is pointed out that the submission of the appropriate standards of both the victim and the suspect may be required before the completion of further analysis.

COPY




Robert E. Pino.
Chemist III
Crime Laboratory

COMMONWEALTH OF MASSACHUSETTS

Suffolk, ss.

Robert E. Pino, whom I know to be a Chemist of the Massachusetts Department of State Police Crime Laboratory appeared before me and affirmed the attached to be the results of the examination made on LAB. NO.: C95-704, A fatal Stabbing at Somerville on July 23, 1995.

Sworn and subscribed to before me this 2nd day of November, 1995.



NOTARY PUBLIC

My Commission expires: April 6 2001

COPY