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SHEET 1 of 2

TORNADO PROJECT SUMMARY SHEET

F=0 ONT.

1. DATE AND TIME AUG 15 1978 1410 EST.

2. LOCATION OR PATH (attach map) SSW - NNE.

NEAR PALMERSTON 0697848

3. PATH LENGTH ☐ NOT KNOWN ☑ <1mi; ☐ 1-4mi; ☐ 5-10mi; ☐ 11-50mi; ☐ LENGTH IF>50mi

4. PATH WIDTH UNKNOWN 5. TORNADO PART OF SQUALL LINE? ☐ YES; ☐ NO; ☑ UNKNOWN:

6. ANY UNUSUAL COLORATION? ☐ YES; ☐ NO; ☑ UNKNOWN

7. ANY UNUSUAL SOUND? ☐ YES; ☐ NO; ☑ UNKNOWN

8. IF ANSWER TO 6 OR 7 YES, ELABORATE;

9. LIST ANY ASSOCIATED PHENOMENA (Such as hail, vivid lightning heavy rain, no rain, etc.) DURING A [illegible]

10. TOTAL DAMAGE ESTIMATE $5,000 11. TOTAL DEATHS NONE

12. TOTAL INJURED NONE. 13. TOTAL HOMELESS NONE

14. LIST ALL REFERENCES

PALMERSTON OBSERVER. AUG 31 1978.
INTERVIEW WITH THE HENDERSON FAMILY JULY 6 1980.

15. SUMMARIZE REMARKS PERTAINING TO (a) FUNNEL; (b) INTERESTING OR CAPRICIOUS EVENTS.

a spectacular example of missile penetration through a solid brick wall of a farm house.

a portion of straw shed roof, consisting of 6" diameter ash and tamarack pole rafters, held together with roofing boards, penetrated 6 to 10 feet into the kitchen and bedroom of the farm house.

Grain threshed out in a nearby field, SW of farm.

TORNADO, NEAR PALMERSTON, ONTARIO.

THE PALMERSTON OBSERVER, THURSDAY AUGUST 31ST. 1978.

STORM DATE. 3:10P.M., TUESDAY, AUGUST 15TH. 1978.

(ELECTRIC CLOCK STOPPED)

FARM HOME DAMAGED.

Approximately $5,000 damage was done to the barn and home of MR. WELLINGTON HENDERSON, on the 8TH. CON. of WALLACE TOWNSHIP, when a small twister struck recently. During a thunderstorm, August 15, the high winds destroyed a straw shed attached to the barn and lifted five rafters from the shed and pitched them through the brick wall of the Henderson home. The rafters, each 20 feet long, were thrown with such force that they smashed through the brick wall into the kitchen knocking down cupboards and spewing dishes onto the floor. Mr Henderson, who was taking an afternoon rest, upstairs, was awakened when a rafter came through the bedroom wall. The shed is 200 feet from the farm home. Several trees in the area were uprooted.

At RANTON PLACE, in PALMERSTON, workmen were laying a cement floor for the new SPORTS COMPLEX, when a brick wall was blown down on to the floor.

THE FOLLOWING INFORMATION OBTAINED FROM THE HENDERSON FAMILY BY PETER ELMS, ON JULY 6TH. 1980.

The violent and spectacular nature of the 5-rafter missile impact on the solid brick farm house wall was not brought out fully in the above newspaper report, so the following information and sketch will give a clearer picture.

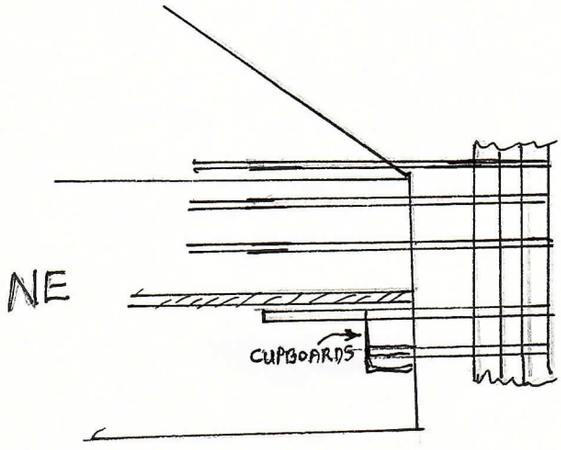
As was stated in the article, MR. HENDERSON was resting in an upstairs bedroom. MRS. HENDERSON who was in the kitchen, and realizing a violent storm was approaching, went to the foot of the stairs and called her husband to come down and go to the basement. At this moment the section of roof, consisting of five rafters held together by boards, and thus making a comb-like projectile, burst through the solid brick southwest wall of the house. (the rafters used in the strawshed were tamarack and ash poles of about six inches in diameter) Then plaster began to fall from the ceiling, dust and debris filled the room. Small kitchen appliances such as toaster and mixer were flung across the room along with cupboard contents. Two rafters entered into the kitchen. One penetrated six to eight feet and struck the ceiling. The other lodged in the kitchen cupboards, which were attached to the southwest wall. The Hendersons at this point were in shock and sheltered briefly in the basement. They emerged

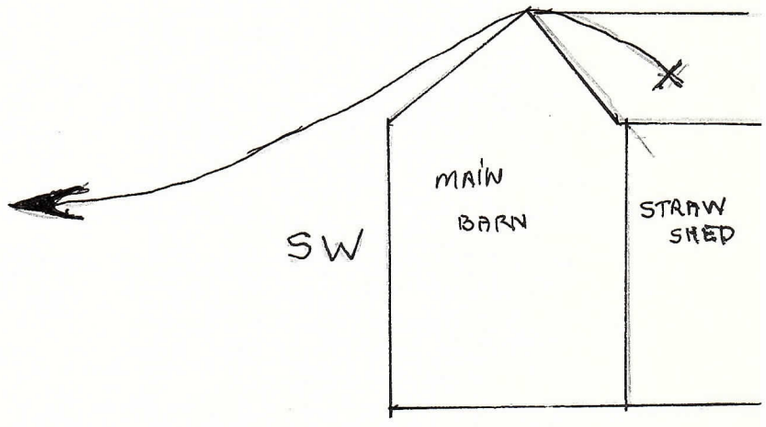
from the basement when they began to think the house had been struck by lightning, and perhaps was on fire.

Two other rafters entered the upstairs bedroom, where Mr. Henderson was, and penetrated about ten feet into the room. One struck the matress of a bed (not the one Mr. Henderson was on) and the other was up by the ceiling light. The fifth rafter entered the attic.

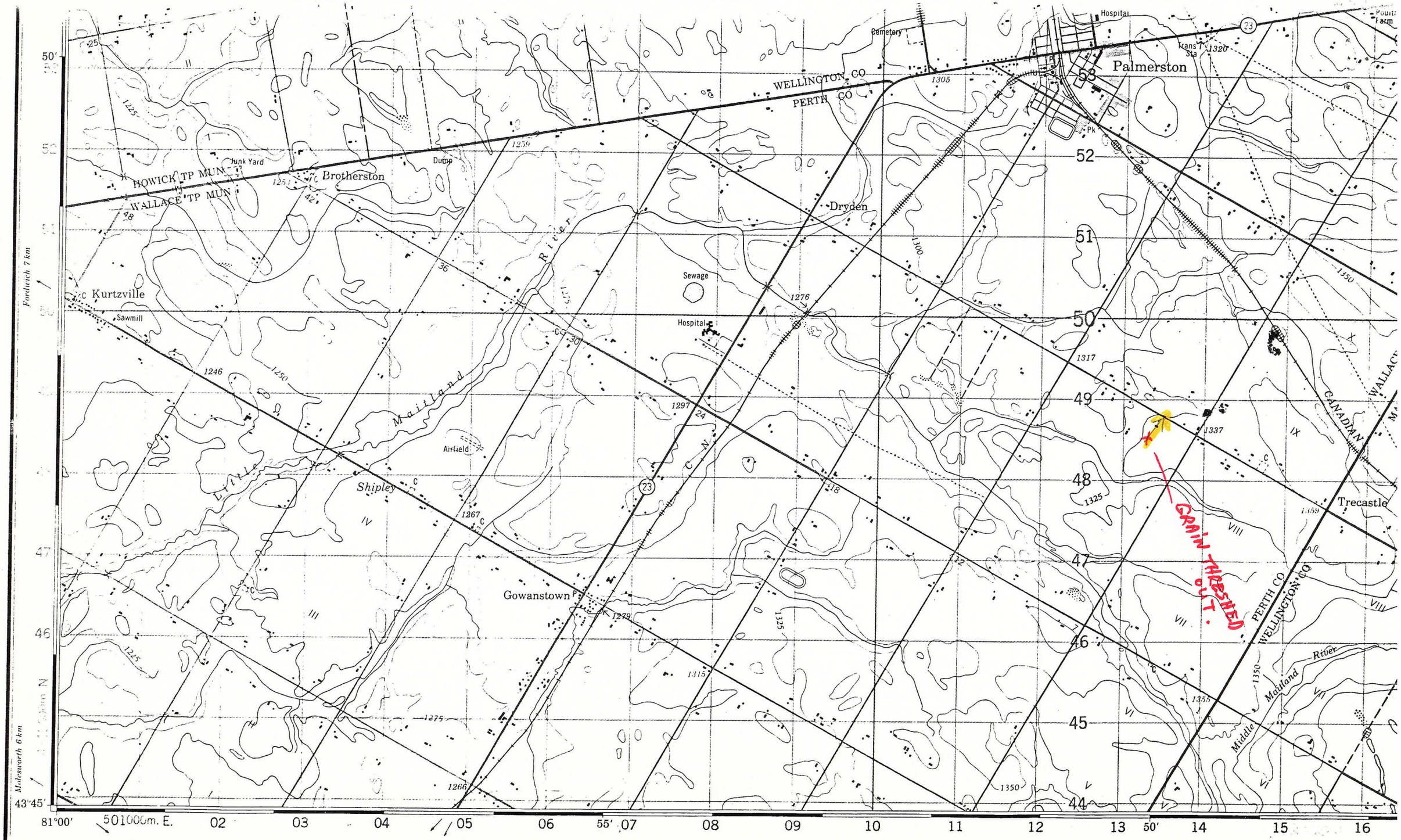
The penetration points of the rafters in the brickwork were perfectly vertical and equally spaced, and removed only enough brick to admit the six-inch diameter rafter. The brick surrounding each entry point was undamaged.

Although described as a strawshed, the building was in fact about 30X30 feet and a substantial part of the barn, being an attached wing on the southwest side so that debris would have to be lifted over the main barn.





A field of grain to the SW of the barn was threshed out by the storm (Rail?).


Palmerston
Brotherston
Dryden
Kurtzville
Shipley
Gowanstown P
Trecastle
Hospital
Cemetery
Sewage
Airfield
Junk Yard
Dump
Sawmill
WELLINGTON CO
PERTH CO
HOWICK TP MUN
WALLACE TP MUN
Maitland River
Little Maitland River
Middle Maitland River
CANADIAN NATIONAL
GRAIN THRESHED OUT.
Fordwich 7 km
Molesworth 6 km
81°00'
50'
55'
43°45'
501000m. E.
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