

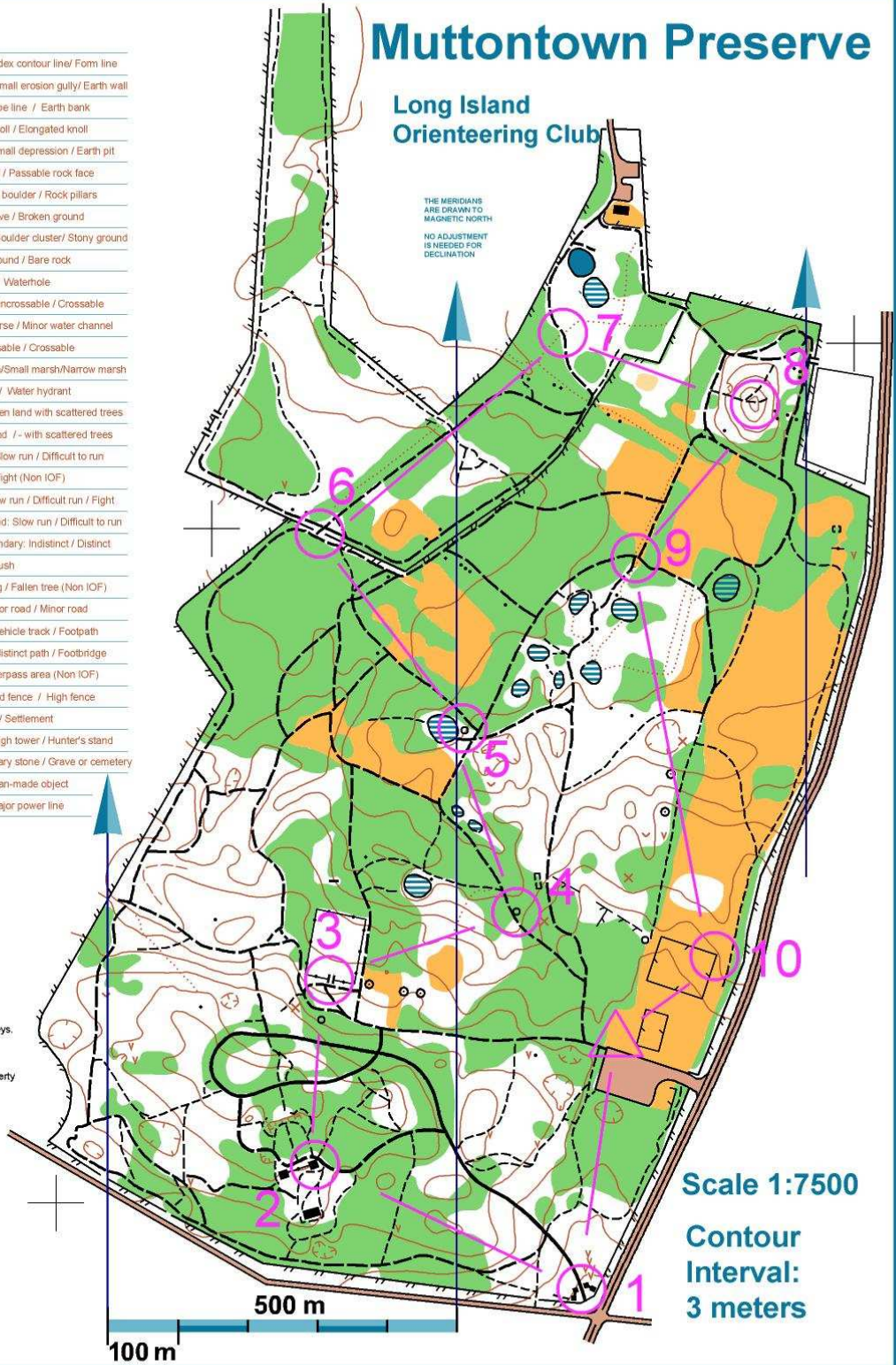
Legend

- Contour line/ Index contour line/ Form line
- Erosion gully/ Small erosion gully/ Earth wall
- Direction of slope line / Earth bank
- Knoll / Small knoll / Elongated knoll
- Depression / Small depression / Earth pit
- Impassable cliff / Passable rock face
- Boulder / Large boulder / Rock pillars
- Rocky pit / Cave / Broken ground
- Boulder field / Boulder cluster/ Stony ground
- Open sandy ground / Bare rock
- Lake / Pond / Waterhole
- Watercourse: Uncrossable / Crossable
- Small watercourse / Minor water channel
- Marsh: Uncrossable / Crossable
- Indistinct marsh/Small marsh/Narrow marsh
- Spring / Well / Water hydrant
- Open land / Open land with scattered trees
- Rough open land / - with scattered trees
- Undergrowth: Slow run / Difficult to run
- Undergrowth: Fight (Non IOF)
- Vegetation: Slow run / Difficult run / Fight
- Rough open land: Slow run / Difficult to run
- Vegetation boundary: Indistinct / Distinct
- Distinct tree / Bush
- Dead tree or log / Fallen tree (Non IOF)
- Motorway / Major road / Minor road
- Gravel road / Vehicle track / Footpath
- Small path / Indistinct path / Footbridge
- Crossable underpass area (Non IOF)
- Fence / Ruined fence / High fence
- Building / Ruin / Settlement
- Paved area / High tower / Hunter's stand
- Cairn or boundary stone / Grave or cemetery
- Map specific man-made object
- Power line / Major power line

Muttontown Preserve

Long Island
Orienteering Club

THE MERIDIANS
ARE DRAWN TO
MAGNETIC NORTH
NO ADJUSTMENT
IS NEEDED FOR
DECLINATION



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Copies of this map are available for purchase from the Long Island Orienteering Club. Contact information by logging onto the LIOC web site: <http://everest.hunter.cuny.edu/~tbw/lioc/>

Additional orienteering information is available from the United States Orienteering Federation <http://www.us.orienteering.org>

Scale 1:7500

Contour Interval:
3 meters

CLUE SHEETS

LI ORIENTEERING CLUB MUTTONTOWN PRESERVE PERMANENT ORIENTEERING COURSE

3.7k / 2.4 miles

Start & finish is at the triangle by the parking area at the equestrian entrance off Route 106, located 3.4 miles north of the LIE (Route 495 / exit 41) on the west side of Route 106.

| Control # | Description |
|-----------|---------------------|
| Start: | Message Board |
| 1- | Gate |
| 2- | Ruin |
| 3- | Gate |
| 4- | Water Trough |
| 5- | Water Trough |
| 6- | Gate |
| 7- | Bridge |
| 8- | Hilltop |
| 9- | Trail Junction |
| 10- | NE Corner Of Corral |
| Finish: | Message Board |

INTERNATIONAL SYMBOLS

| Mattontown | | 10 Controls | | 3.7k | |
|------------|----|-------------|---|------|---|
| Start | △ | × | | | |
| 1 | 1 | ▧ | | | |
| 2 | 2 | [] | | | |
| 3 | 3 | ▧ | | | |
| 4 | 4 | × | | | |
| 5 | 5 | × | | | |
| 6 | 6 | ▧ | | | |
| 7 | 7 | ∕ | | | |
| 8 | 8 | ○ | | | |
| 9 | 9 | ∕ | ∕ | ∕ | |
| 10 | 10 | ▧ | | | ∕ |

Control # with GPS coordinates and picture clue :

1 40.49.48 73.31.84



2 40.49.51 73.32.14



3 40.49.65 73.32.17



4 40.49.74 73.32.00



5 40.49.87 73.32.10



6 40.49.99 73.32.28



7 40.50.17 73.32.11



8 40.50.16 73.31.88



9 40.50.02 73.31.96



10 40.49.74 73.31.81



Start/
Finish 40.49.65 73.31.89

