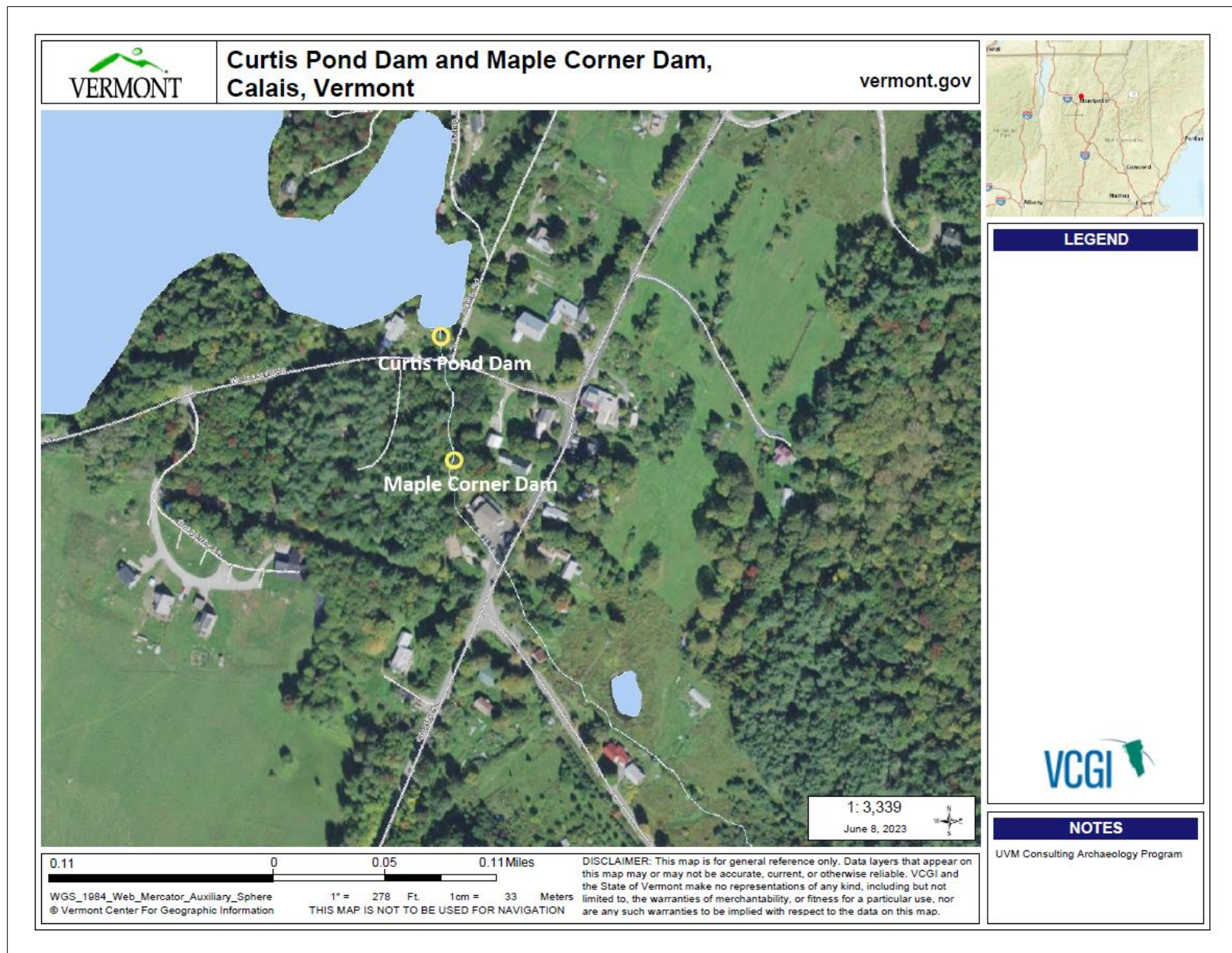
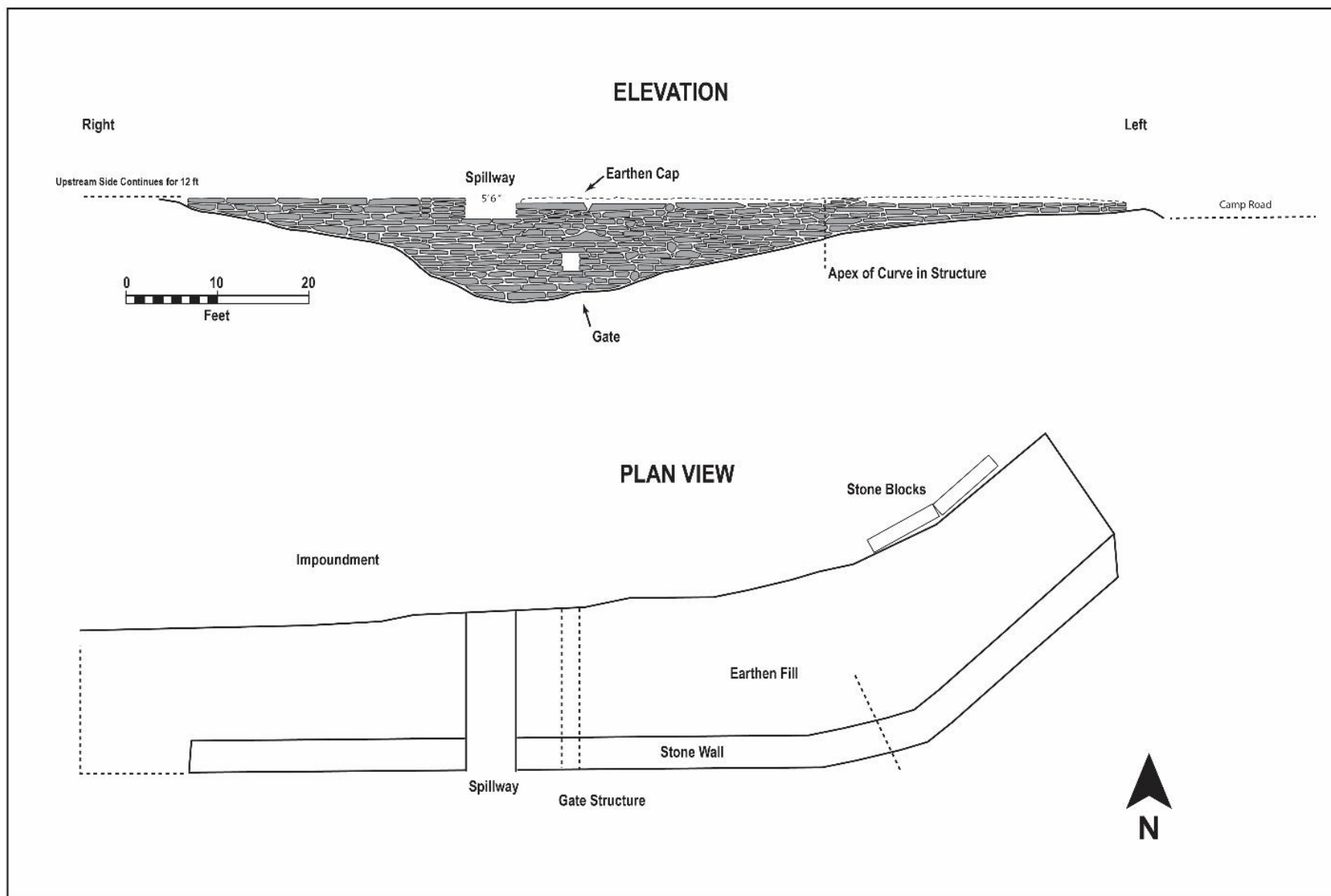


STATE OF VERMONT Division for Historic Preservation  VERMONT ARCHITECTURAL RESOURCE INVENTORY  Individual Property Survey Form	SURVEY NUMBER: (Assigned by VDHP)
	Listed in State Register <input type="checkbox"/> Eligible for State Register Yes <input type="checkbox"/> -or- No <input type="checkbox"/> Date:
	PRESENT FORMAL NAME: Curtis Pond Dam
	ORIGINAL FORMAL NAME:
COUNTY: Washington	PRESENT USE: Dam
TOWN: Calais	ORIGINAL USE: Dam
ADDRESS: Outlet stream to Curtis Pond	ARCHITECT/ENGINEER:
COMMON NAME: Curtis Pond Dam	BUILDER/CONTRACTOR:
PROPERTY TYPE: Structure	DATE BUILT: First built c. 1813
OWNER: Undetermined ADDRESS:	
ACCESSIBILITY TO PUBLIC: Yes <input type="checkbox"/> No <input type="checkbox"/> Restricted <input checked="" type="checkbox"/>	PHYSICAL CONDITION OF STRUCTURE: Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input checked="" type="checkbox"/>
	STYLE: Stone masonry and earth fill gravity dam
<b>GENERAL DESCRIPTION:</b> <b>Structural System:</b> 1. <u>Foundation</u> : Stone <input type="checkbox"/> Brick <input type="checkbox"/> Concrete <input type="checkbox"/> Concrete Block <input type="checkbox"/> 2. <u>Wall Structure</u> a. Wood Frame: Post & Beam <input type="checkbox"/> Plank <input type="checkbox"/> Balloon <input type="checkbox"/> Platform <input type="checkbox"/> b. Load Bearing Masonry: Brick <input type="checkbox"/> Stone <input type="checkbox"/> Concrete <input type="checkbox"/> Concrete Block <input type="checkbox"/> c. Metal: Iron <input type="checkbox"/> Steel <input type="checkbox"/> d. Other: 3. <u>Wall Cladding</u> : Clapboard <input type="checkbox"/> Board & Batten <input type="checkbox"/> Wood Shingle <input type="checkbox"/> Shiplap <input type="checkbox"/> Novelty <input type="checkbox"/> Asbestos Shingle <input type="checkbox"/> Aluminum Siding <input type="checkbox"/> Asphalt Shingle <input type="checkbox"/> Vinyl Siding <input type="checkbox"/> Brick Veneer <input type="checkbox"/> Stone Veneer <input type="checkbox"/> Other: 4. <u>Roof Structure</u> Truss: Wood <input type="checkbox"/> Iron <input type="checkbox"/> Steel <input type="checkbox"/> Concrete <input type="checkbox"/> Other: 5. <u>Roof Covering</u> : Slate <input type="checkbox"/> Wood Shingle <input type="checkbox"/> Asphalt Shingle <input type="checkbox"/> Sheet Metal <input type="checkbox"/> Built Up <input type="checkbox"/> Rolled <input type="checkbox"/> Tile <input type="checkbox"/> Standing Seam <input type="checkbox"/> Other: 6. <u>Engineering Structure</u> : Stone, earth 7. Other:	
<b>Appendages:</b> Porches <input type="checkbox"/> Towers <input type="checkbox"/> Cupolas <input type="checkbox"/> Dormers <input type="checkbox"/> Chimneys <input type="checkbox"/> Sheds <input type="checkbox"/> Ells <input type="checkbox"/> Wings <input type="checkbox"/> Bay Window <input type="checkbox"/> Other:	
<b>Roof Styles:</b> Gable <input type="checkbox"/> Hip <input type="checkbox"/> Shed <input type="checkbox"/> Flat <input type="checkbox"/> Mansard <input type="checkbox"/> Gambrel <input type="checkbox"/> Jerkinhead <input type="checkbox"/> Saw Tooth <input type="checkbox"/> With Monitor <input type="checkbox"/> With Bellcast <input type="checkbox"/> With Parapet <input type="checkbox"/> With False Front <input type="checkbox"/> Other:	
Number of Stories: Entrance Location: Number of Bays: Approximate Dimensions: 113 ft long x 12 ft high	

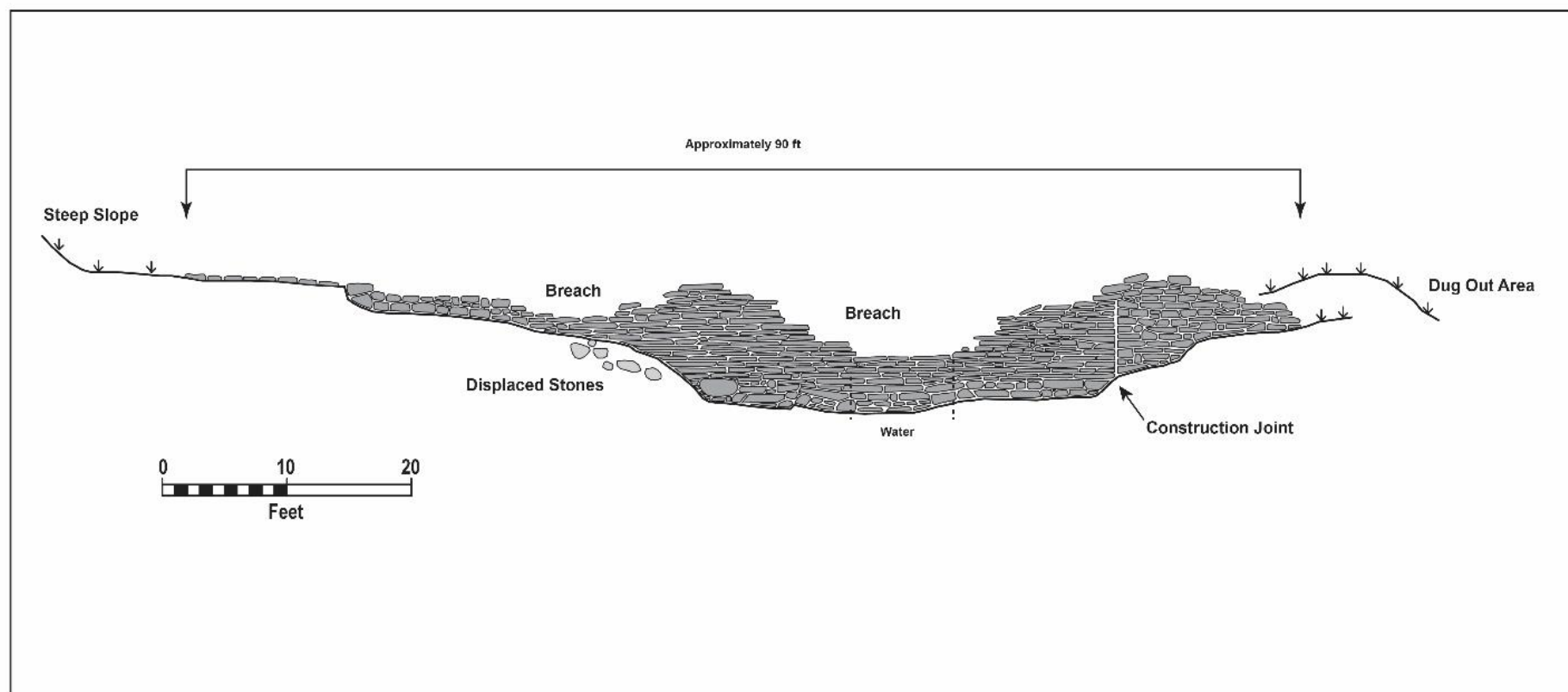
<p><b>ADDITIONAL ARCHITECTURAL OR STRUCTURAL DESCRIPTION:</b> The Curtis Pond Dam is composed of a large dry laid rubble stone wall that supports a mass of sand, gravel, and earth fill. The crest ranges from 16 to 21 ft thick. The stones used in the masonry wall are generally unfinished quarried stone; plug and feather quarry marks are visible on some of the stones. This dam does not have a built apron and appears to be founded on ledge. The principal dam features include the primary spillway and one outlet structure. The primary spillway is roughly located near the center of the in-channel part of the dam. The primary spillway is 5.67 ft long and runs 17 ft from the upstream side to the downstream side of the dam. The spillway's channel bottom is mainly composed of large flat stones; however, a mortar or concrete slab has been placed over part of the spillway channel bottom at the approach chute. The sides of the spillway channel are lined with intermittently mortared stones. The spillway has a straight drop to the tailwater pool. There is a single 2 by 2.2 ft dry-laid stone outlet or drain located near the bottom of the dam to the left of the spillway.</p>
<p><b>RELATED RESOURCES ON THE PROPERTY:</b> The directly related Maple Corner Dam is located about 300 ft downstream and about 20 ft below the level of the Curtis Pond Dam, also on the outlet brook of Curtis Pond. It is a dry laid rubble stone masonry dam, founded mainly on ledge. It is breached.</p>
<p><b>HISTORICAL OVERVIEW:</b> The Curtis Pond Dam and the Maple Corner Dam were once part of a water system that served several business enterprises from as early as 1813 through the early 20th century, including a saw mill, grist mill (an early one and later mill), wool processing machinery shop, woolen goods manufacturing shop, horse rake shop, shingle mill and butter box factory. Records clearly indicate that a dam was first built at the Curtis Pond outlet site between 1813 and 1817; the lower dam was also likely built around this time. Records suggest that the Curtis Pond Dam was primarily used for water control and storage, while the lower, Maple Corner Dam, was used for power generation. Historic documents also indicate that no mills were built on or at the Curtis Pond Dam. The materials used in the earliest Curtis Pond Dam construction are not stated; however, a stone dam is specifically mentioned as being located at the outlet of the pond by the early 1840s. Both dams lie within the State Register-listed Maple Corner Historic District (Survey No. 1205-27).</p>
<p><b>REFERENCE CITATIONS:</b> see references in "Historic Resource Review and Archaeological Resources Assessment, Curtis Pond Dam (Vt State Id #40.09) Rehabilitation Project, Calais, Washington County, Vermont," UVM CAP Report No. 1509.</p>
<p><b>SURROUNDING ENVIRONMENT:</b> Open <input type="checkbox"/> Woodland <input type="checkbox"/>          Scattered Buildings <input checked="" type="checkbox"/> Moderately Built Up <input type="checkbox"/> Densely Built Up <input type="checkbox"/>          Residential <input checked="" type="checkbox"/> Commercial <input type="checkbox"/> Agricultural <input type="checkbox"/> Industrial <input type="checkbox"/> Mixed Use <input type="checkbox"/>          Roadside Strip Development <input type="checkbox"/> Other:</p>
<p><b>RECORDED BY:</b> Catherine A. Quinn</p>
<p><b>ORGANIZATION:</b> University of Vermont Consulting Archaeology Program</p>
<p><b>DATE RECORDED:</b> June 8, 2023</p>



Map showing the location of the Curtis Pond Dam and Maple Corner Dam in Calais, Washington County, Vermont.



Elevation and plan view of the Curtis Pond Dam.



Downstream sketch elevation of the Maple Corner Dam.





View of the Curtis Pond Dam looking north from Worcester Road.



View northwest of the Curtis Pond Dam.



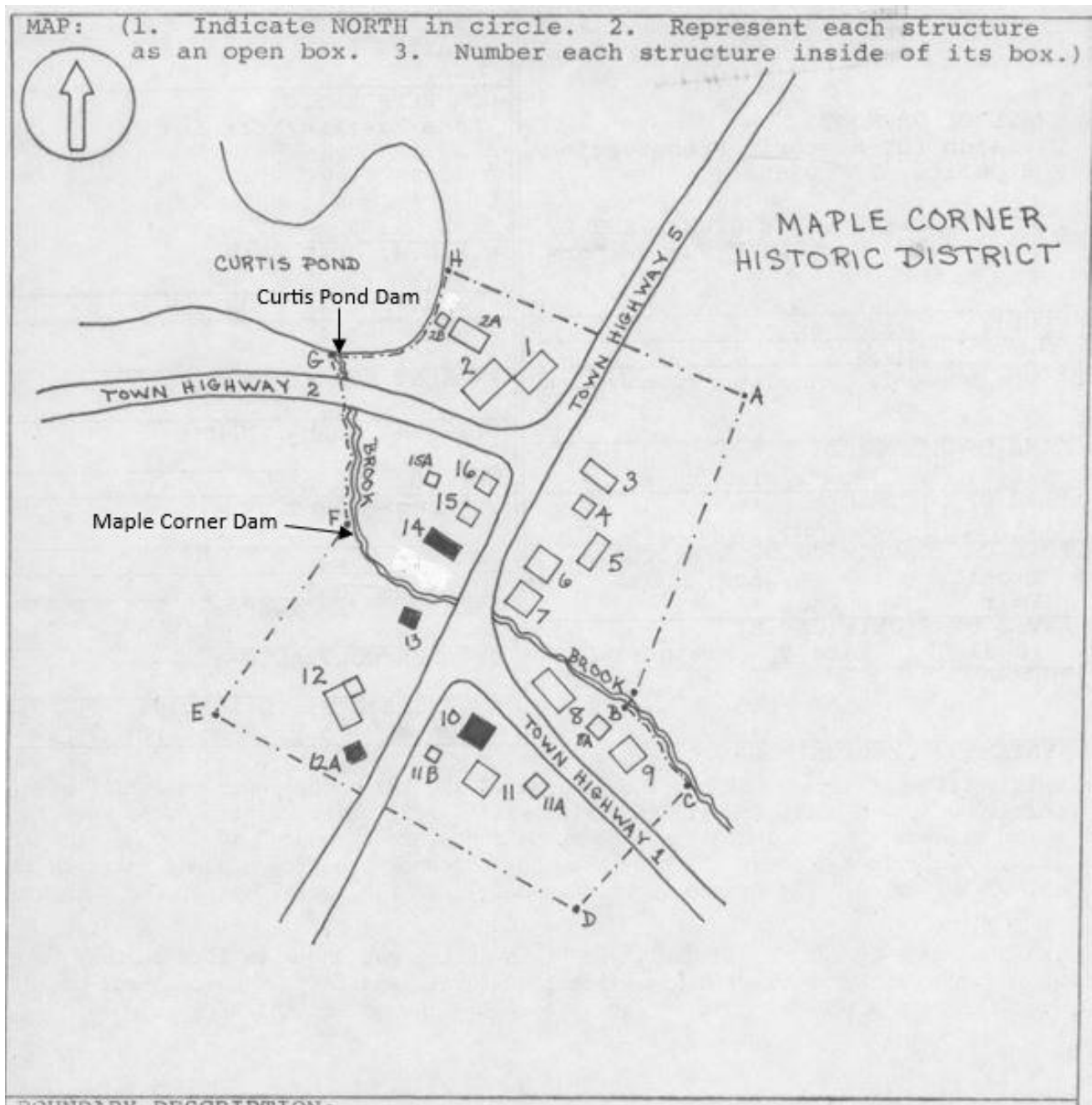


View of the Maple Corner Dam looking north.



View north of the downstream side of the Maple Corner Dam showing a large construction joint, possibly marking the division between a foundation (right) and the dam (left).





Map of the State Register-listed Maple Corner Historic District with the approximate locations of the Curtis Pond and Maple Corner dams added (VDHP 1980).