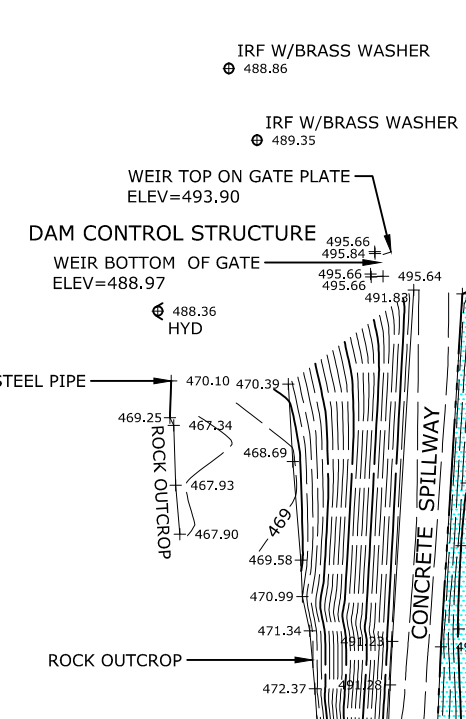


LEGEND  
 REF IRON ROD FOUND  
 HYD

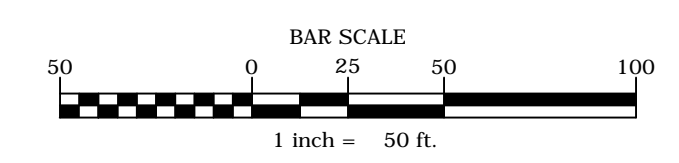


BENCH MARK  
 ROCK CUT ON TOP OF CONCRETE CURB  
 AT BOAT LAUNCH  
 ELEV=492.64

SUMMIT RESERVOIR  
 AREA = 954,578 ± SQ. FT  
 = 21.3 ± ACRES

- MAP NOTES:
- Information shown hereon was compiled from an actual field survey conducted during the month of June, 2015.
  - North orientation is Grid North based on the New York State Plane Coordinate System, East Zone, NAD83.
  - Vertical datum shown hereon is NAVD 88 and was obtained from GPS observations.
  - Bathymetric portion of survey was performed using RTK GPS methods. An 8x8" board was attached to the bottom of the range pole which was lowered into the water until it met resistance at the top of sediment. Elevations were taken at this point. Eight areas were located to determine the approximate depth of sediment. Heavy vegetation was present throughout the reservoir.
  - Average water surface elevation at the time of the survey was 493.73'.

AREA OF RESERVOIR	21.3±ACRES
VOLUME OF RESERVOIR	155,700 CUBIC YARDS = 31,447,356 GALLONS
AVERAGE WATER SURFACE ELEVATION	493.73'
MAXIMUM DEPTH OF WATER	9.99'



CARL M. RIGDON P.L.S. NO. 50711	DATE	REVISIONS RECORD/DESCRIPTION	DRAFTER	CHECK	APPR.	UNAUTHORIZED ALTERATION OR ADDITION TO THIS DOCUMENT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW.
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						PROJ. NO : 15.5270
						SCALE : 1" = 50'
						DATE : JUNE 25, 2015

**PRELIMINARY**

BATHYMETRIC SURVEY  
 PHILMONT VILLAGE SUMMIT RESERVOIR  
 Prepared For  
 VILLAGE OF PHILMONT

COLUMBIA COUNTY, NEW YORK

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SHEET 1 OF 1  
 DWG. NO. 15-354

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