


Legend

 INUNDATION AREA BASED ON FAILURE OF THE DAM DURING THE PROBABLE MAXIMUM FLOOD (PMF)

SOURCE: USGS TOPOGRAPHIC MAP STATE COLLEGE, PA QUADRANGLE

ATTACHMENT A

THE PENNSYLVANIA STATE UNIVERSITY
 UNIVERSITY PARK AIRPORT
 BENNER, COLLEGE AND PATTON TOWNSHIPS
 CENTRE COUNTY, PENNSYLVANIA

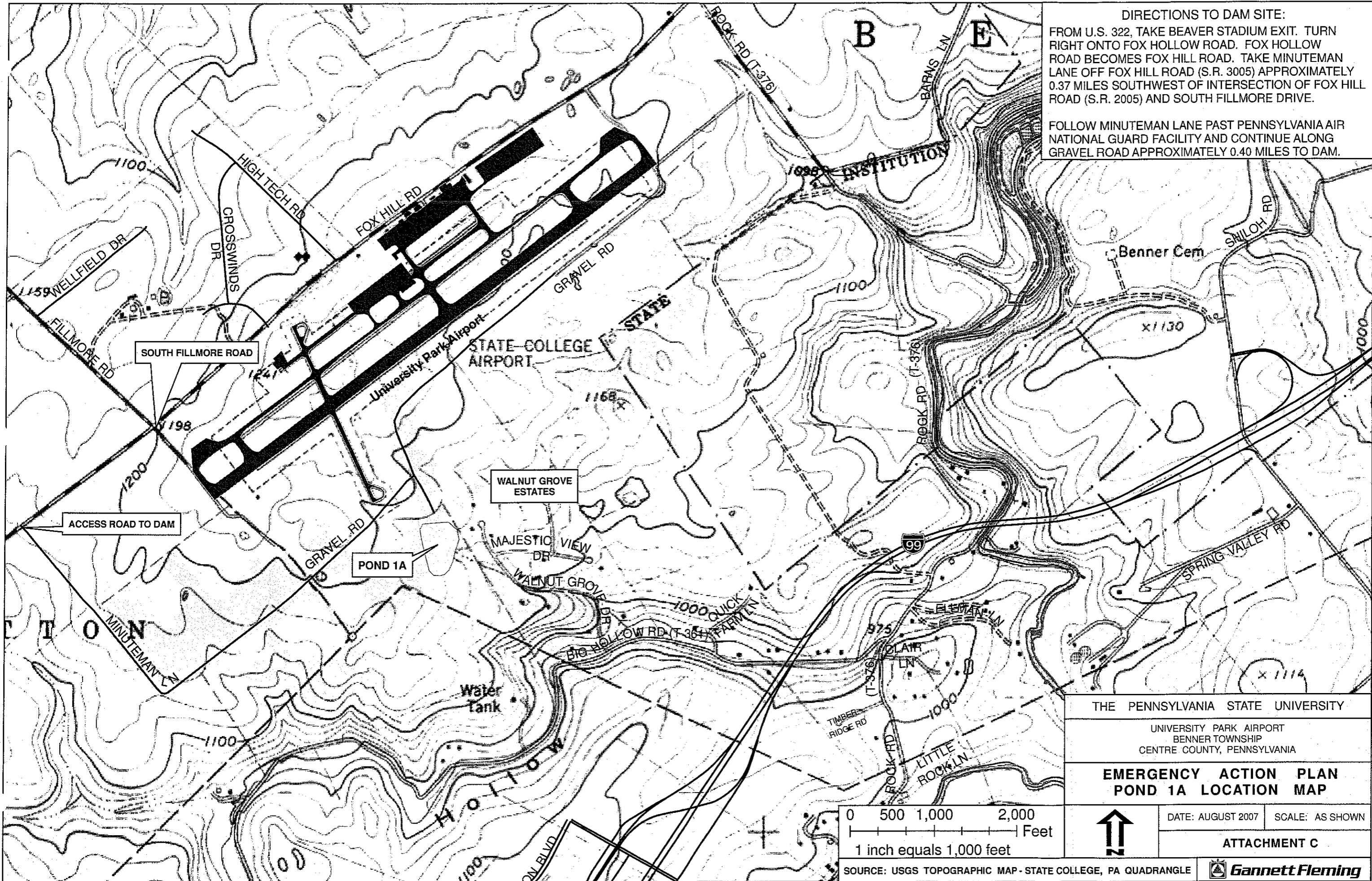
DETENTION POND 1A

INNUNDATION MAP



SCALE: 1" = 1000' DATE: AUGUST 2007

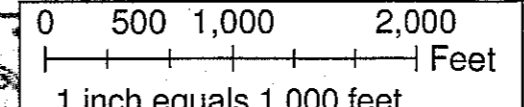
THE FLOODING LIMITS SHOWN WERE DETERMINED USING HEC-1 COMPUTER MODELS AND CORRESPOND TO THE LIMIT OF INUNDATION OF A HYPOTHETICAL FLOOD WAVE AS IT TRAVELS DOWNSTREAM. FLOOD LIMITS SHOWN COVER AREAS WITH MAY EXPERIENCE INCREASED LEVELS OF FLOODING DUE TO A DAM FAILURE AS COMPUTED FOR A RANGE OF STORM EVENTS BOUNDED BY THE PROBABLE MAXIMUM FLOOD AND THE 'SUNNY DAY' OR NON-STORM INDUCED DAM FAILURE. OVBANK PORTIONS OF CERTAIN STREAM CROSS SECTIONS WERE COMPILED FROM U.S. GEOLOGICAL SURVEY TOPOGRAPHIC MAPPING, WHICH HAS A VERTICAL ACCURACY OF PLUS OR MINUS ONE-HALF OF A CONTOUR INTERVAL. THE FAILURE OF A DAM IS A COMPLEX HYDRAULIC OCCURRENCE WHICH CAN RESULT IN UNEXPECTEDLY HIGH DEPTHS OF FLOW. DEBRI ACCUMULATIONS AT STREAM CONSTRICTIONS, OR ENCHROACHMENTS AND BRIDGE OPENINGS CAN RAISE THE WATER SURFACE RESULTING FROM THE FAILURE OF A DAM. THESE EFFECTS WERE NOT CONSIDERED WHEN COMPUTING THE FLOODED AREA SHOWN ON THIS MAP. THE USER OF THIS MAP IS ADVISED THAT THE LIMITS OF FLOODING SHOWN ARE APPROXIMATE AND SHOULD BE CONSIDERED AS MINIMUM REQUIREMENTS FOR THE ESTABLISHMENT OF EVACUATION ZONES.



DIRECTIONS TO DAM SITE:
 FROM U.S. 322, TAKE BEAVER STADIUM EXIT. TURN RIGHT ONTO FOX HOLLOW ROAD. FOX HOLLOW ROAD BECOMES FOX HILL ROAD. TAKE MINUTEMAN LANE OFF FOX HILL ROAD (S.R. 3005) APPROXIMATELY 0.37 MILES SOUTHWEST OF INTERSECTION OF FOX HILL ROAD (S.R. 2005) AND SOUTH FILLMORE DRIVE.
 FOLLOW MINUTEMAN LANE PAST PENNSYLVANIA AIR NATIONAL GUARD FACILITY AND CONTINUE ALONG GRAVEL ROAD APPROXIMATELY 0.40 MILES TO DAM.

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**EMERGENCY ACTION PLAN
 POND 1A LOCATION MAP**



DATE: AUGUST 2007 SCALE: AS SHOWN
 ATTACHMENT C

SOURCE: USGS TOPOGRAPHIC MAP - STATE COLLEGE, PA QUADRANGLE Gannett Fleming