

**LEGEND**

	EXISTING CONTOUR
	EXISTING UNDERWATER LAKE CONTOUR
	EXISTING SPOT GRADE
	EXISTING UTILITY POLE
	EXISTING EASEMENT
	EXISTING LAKE EDGE
	EXISTING WETLAND BOUNDARY
	EXISTING STREAM LINE
	EXISTING WETLAND BUFFER BOUNDARY
	EXISTING VEGETATION BOUNDARY
	EXISTING STORM SEWER PIPE
	PROPOSED CURB
	PROPOSED R.O.W. LINE
	PROPOSED LOT LINE
	PROPOSED CONTOUR
	PROPOSED SPOT GRADE
	PROPOSED MANHOLE
	PROPOSED DRAIN INLET
	PROPOSED END SECTION
	PROPOSED HEAD WALL
	PROPOSED WOOD GUIDE RAIL
	PROPOSED STORM SEWER PIPE
	PROPOSED VEGETATION BOUNDARY
	PROPOSED 8\"/>
	PROPOSED SANITARY FORCE MAIN
	PROPOSED WATER MAIN
	PROPOSED CONCRETE SIDEWALK
	PROPOSED GATE VALVE
	PROPOSED DRY HYDRANT
	PROPOSED RIP RAP SLOPE
	SEEPAGE CONTROL AREA
	BORING LOCATION

- BORING & TEST PIT NOTES:**
- THIS PLAN WAS PREPARED BASED UPON THE REPORT ON SUBSURFACE SOIL AND FOUNDATION INVESTIGATION-PROPOSED EARTH DAM RENOVATIONS, DATED JULY 7, 2005, BY CARLIN SIMPSON & ASSOCIATES.
  - BORING LOCATIONS WERE LAID OUT IN THE FIELD BY CARLIN-SIMPSON & ASSOCIATES (CSA).
  - BORINGS WERE PERFORMED BY GENERAL BORINGS INC. IN JUNE 2004 UNDER THE FULL TIME INSPECTION OF CSA.
  - LOCATIONS ARE APPROXIMATE.

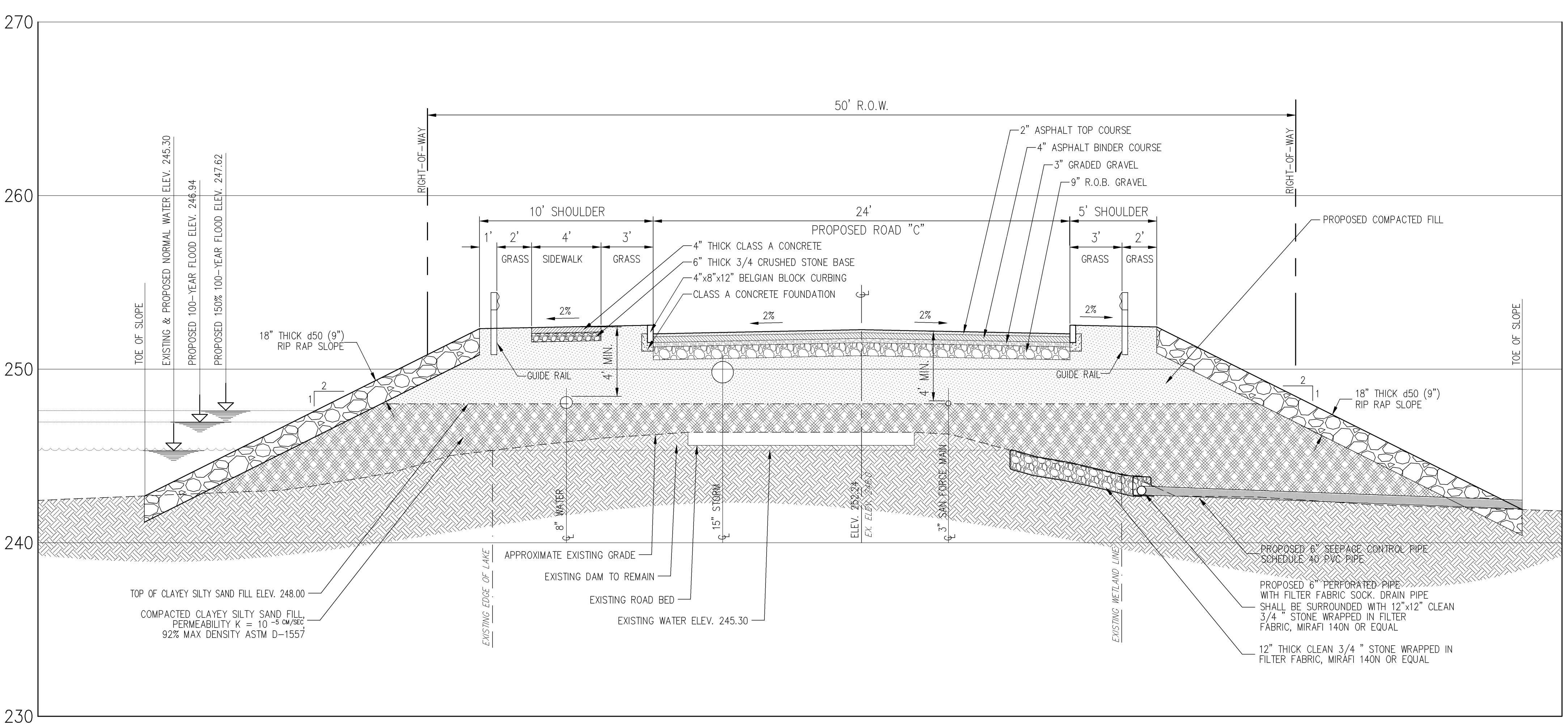
- COMPACTED FILL SPECIFICATIONS:**
- FILL MATERIAL USED TO CONSTRUCT THE IMPROVED EARTH DAM SHALL CONSIST OF CLAYEY SILTY SAND WITH A PERMEABILITY (K) LESS THAN 1X10<sup>-5</sup> CM/SEC.
  - THE NEW FILL SHALL BE PLACED IN LAYERS NOT EXCEEDING 12" IN THICKNESS AND EACH LAYER SHALL BE COMPACTED TO AT LEAST 92% OF ITS MAXIMUM MODIFIED DRY DENSITY (ASTM D1557) USING A SHEEPSFOOT ROLLER.
  - EACH LAYER MUST BE COMPACTED, TESTED, AND APPROVED BEFORE PLACING SUBSEQUENT LAYERS.
  - WHERE NEW FILL IS PLACED AGAINST THE EXISTING DAM SLOPE, THE EXISTING SLOPE SHALL BE BENCHING AS THE NEW FILL IS PLACED AND COMPACTED. BENCHING SHALL NOT BE DONE IN THE UPSTREAM-DOWNSTREAM DIRECTION.
  - THE NEW FILL MUST BE FREE OF ORGANIC MATERIAL (I.E. TOPSOIL, ROOTS, VEGETATION, ETC.), DEBRIS, AND FROZEN SOIL.
  - THE PLACEMENT OF CONTROLLED COMPACTED FILL IN THE AREA OF THE DAM SHALL BE PERFORMED UNDER THE FULL-TIME INSPECTION OF CARLIN-SIMPSON & ASSOCIATES.

**ROBERT B. SIMPSON, P.E.**  
PROFESSIONAL ENGINEER

**DAM IMPROVEMENT PLAN**

LAKE WALTON DAM  
EAST FISHKILL, NEW YORK

MRB	11-20	CARLIN-SIMPSON AND ASSOCIATES
DATE	8 AUG 05	41 Main Street
PROJECT	03-83	Seymour, NJ 08872
SCALE	ED-1	Consulting Geotechnical and Environmental Engineer



TYPICAL PROPOSED ROAD "C" CROSS SECTION FROM STA. 54+50 TO 64+00  
(SCALE: VERTICAL: 1"=4' HORIZONTAL: 1"=4')

DATE	12/13/2005
BY	MA
DATE	07/10/2007
BY	BAE

LAKE WALTON PARK, LLC  
150 NORTH WACKER DRIVE - SUITE 1120  
CHICAGO, IL 60606

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Armonk, NY 10804  
voice 914.273.4525 • fax 914.275.2102  
mail@johnmeyerconsulting.com

**JMC**  
JOHN MEYER CONSULTING

DAM IMPROVEMENT PLAN

LAKE WALTON PARK  
LAKE WALTON ROAD  
TOWN OF EAST FISHKILL, NY

NOT FOR CONSTRUCTION

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DATE	08/08/2005
SCALE	1"=20'
PROJECT	3006
SHEET	DD-1

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