

REVISIONS	
NO.	DESCRIPTION

DATE	BY

SCALE	

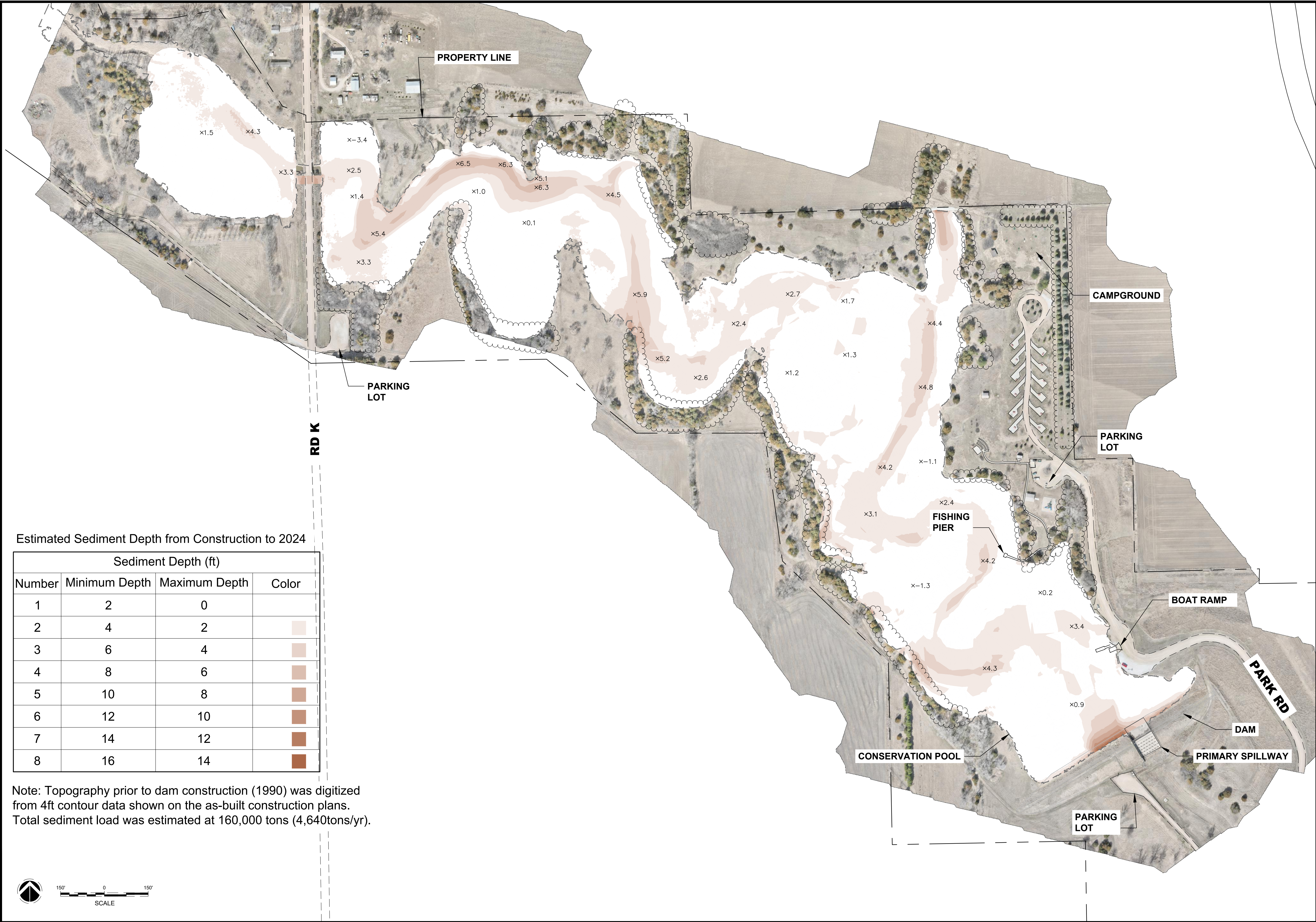
CONCEPT DESIGN

UPPER BIG BLUE NRD RECHARGE LAKE
WATER QUALITY IMPROVEMENT STUDY
YORK, YORK COUNTY, NEBRASKA

WATER DEPTH MAP

The FLATWATER GROUP Inc.
8200 Cody Drive, Suite A
Lincoln, NE 68512
402-435-5441
CA-1145

DATE	MAY 2024
DESIGNED BY	JDC
DRAWN BY	STAFF
CHECKED BY	###
PROJECT NUMBER	UBBNRD-2023-01
SCALE	1" = 150'
SHEET NUMBER	1 OF 4



Estimated Sediment Depth from Construction to 2024

Sediment Depth (ft)			
Number	Minimum Depth	Maximum Depth	Color
1	2	0	
2	4	2	
3	6	4	
4	8	6	
5	10	8	
6	12	10	
7	14	12	
8	16	14	

Note: Topography prior to dam construction (1990) was digitized from 4ft contour data shown on the as-built construction plans. Total sediment load was estimated at 160,000 tons (4,640tons/yr).

REVISIONS


NO.	DATE	BY	DESCRIPTION

SEAL

CONCEPT DESIGN

UPPER BIG BLUE NRD
RECHARGE LAKE
WATER QUALITY IMPROVEMENT STUDY
YORK, YORK COUNTY, NEBRASKA

SEDIMENT DEPTH MAP



The FLATWATER GROUP Inc.
8200 Cody Drive, Suite A
Lincoln, NE 68512
402-435-5441
CA-1145

DATE	MAY 2024
DESIGNED BY	JDC
DRAWN BY	STAFF
CHECKED BY	###
PROJECT NUMBER	UBBNRD-2023-01
SCALE	1" = 150'
SHEET NUMBER	3 OF 4

