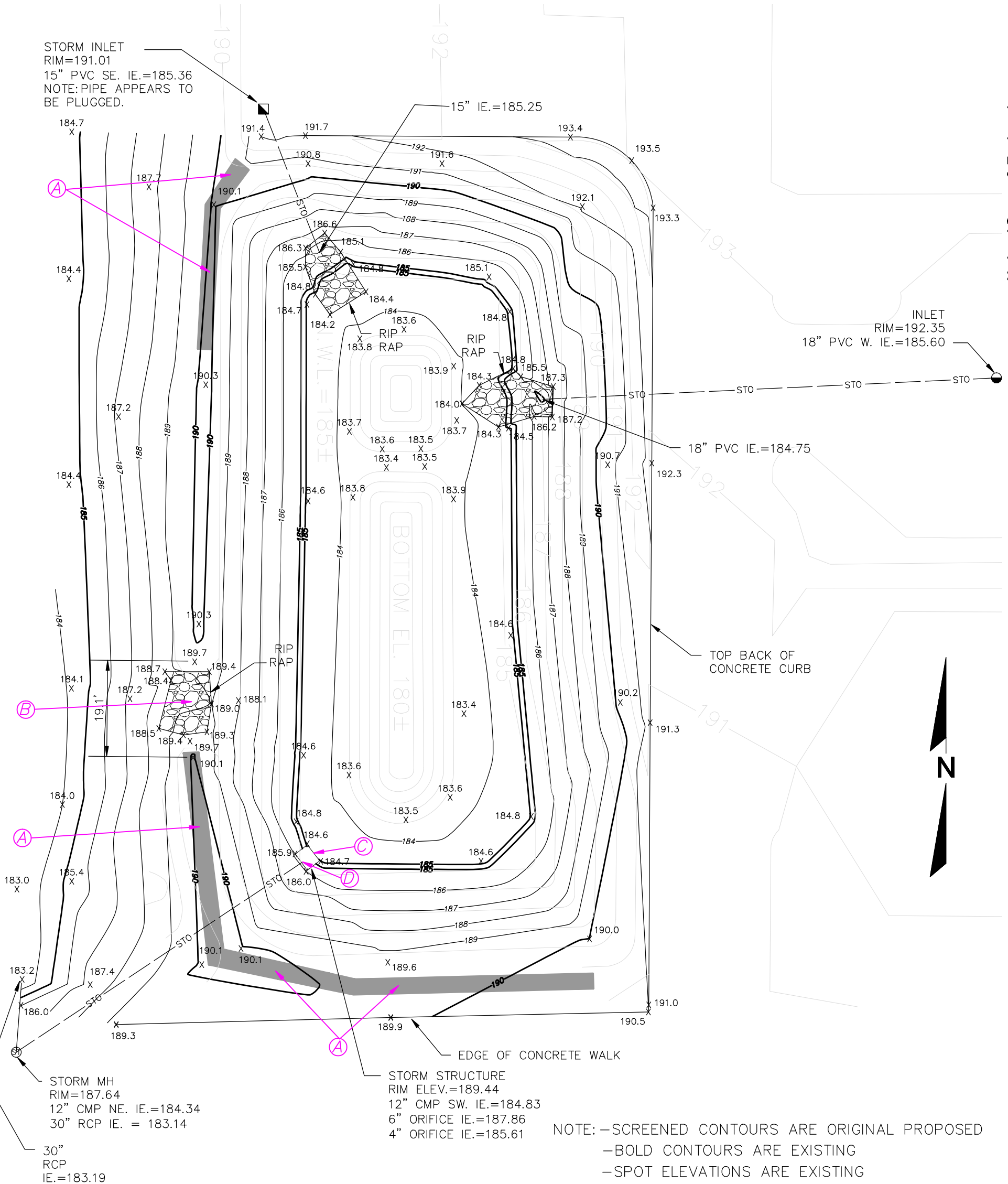


GRADING RECORD DRAWING GREENWAY MEDICAL COMPLEX

KNOWN AS 3223 SOUTH 103RD STREET, IN THE CITY OF GREENFIELD, MILWAKEE COUNTY, WISCONSIN.
OCTOBER 18, 2007 INTERSTATE PARTNERS NSE. NO. 159568-PKS



	CITY APPROVED DESIGN	ASBUILT POND	PROPOSED MODIFIED POND	MMSD ALLOWABLE
POND ELEVATIONS				
TOP OF BERM	190.25	190.0	190.3 (A)	
SPILLWAY	189.85	189.4	189.8 (B)	
100-YR H.W.	189.55	189.6	189.6	
OUTLET STRUCTURE				
RISER	189.60	189.44	189.44	
TOP ORIFICE	6" @ 187.25	6" @ 187.86	6" @ 187.00 (C)	
BOTTOM ORIFICE	3.5" @ 185.00	4" @ 185.61	4.5" @ 184.83 (C)	
OUTLET PIPE	12" @ 185.00	12" @ 184.83	6.5" @ 184.83 (D)	
RELEASE RATES				
2-YR (0.15 CFS/AC)	0.47 CFS	0.48 CFS	0.64 CFS	0.66 CFS
100-YR (0.5 CFS/AC)	2.03 CFS	5.51 CFS	2.31 CFS	2.22 CFS
(A) RAISE TOP OF BERM (B) RAISE SPILLWAY (C) PLUG EXIST. ORIFICES AND CORE NEW ORIFICES (D) PLACE PLATE OVER EXIST. OUTLET PIPE AND CORE ORIFICE INTO PLATE				

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