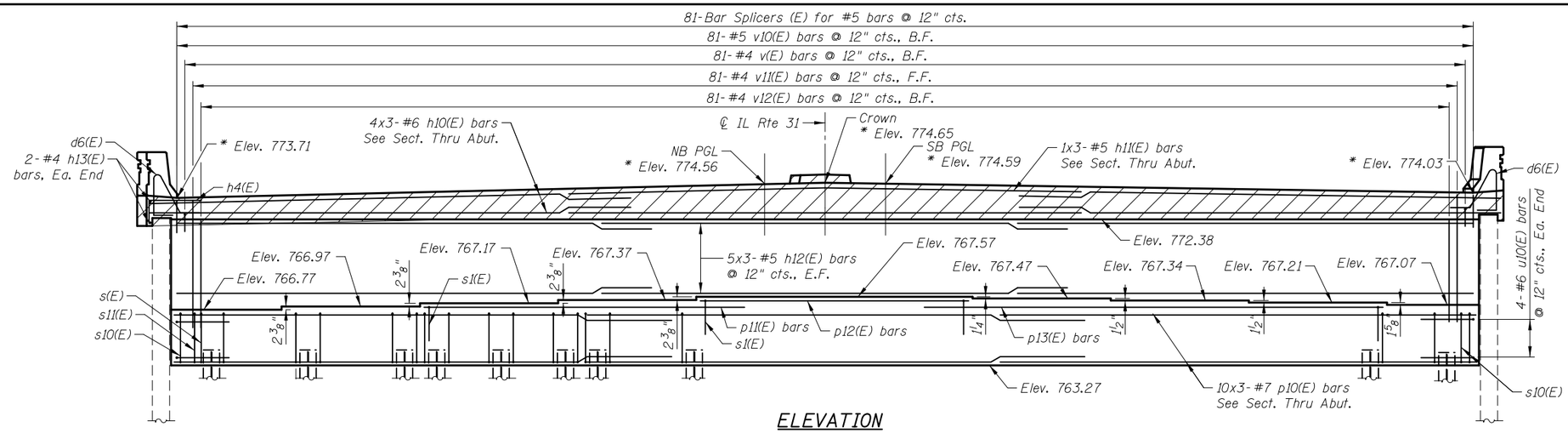


ELEVATION

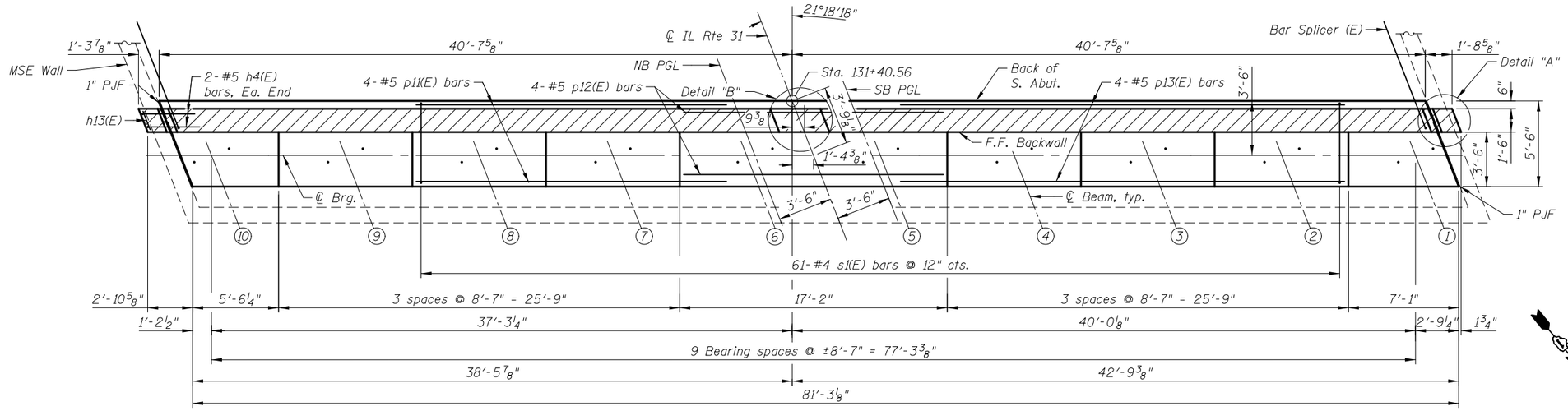
* Elevations given at F.F. of backwall.

PILE DATA

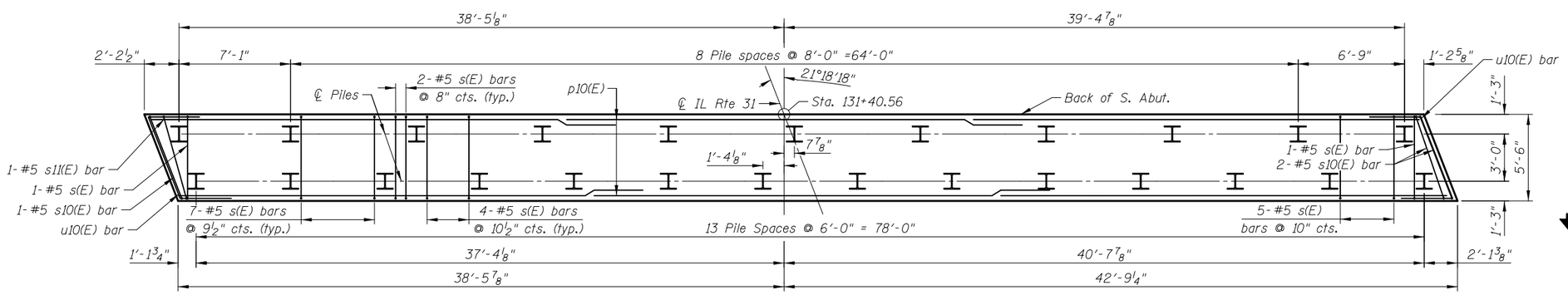
Type: Steel HP 14x73
Nominal Required Bearing: 480 kips
Factored Resistance Available: 264 kips
Est. Length: 83 feet
No. Production Piles: 24
No. Test Piles: 1

MINIMUM BAR LAP

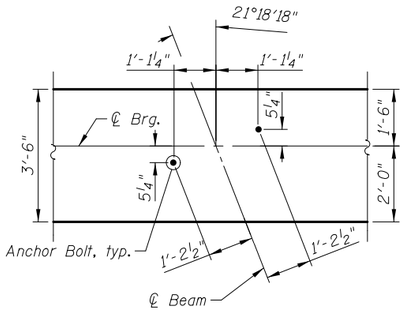
#5 bar = 3'-8"
#6 bar = 4'-5"
#7 bar = 5'-10"



TOP VIEW



PLAN-PILE CAP



ANCHOR BOLT DIAGRAM

Hatched area to be poured after superstructure false work has been removed.

Parapets to be poured with the approach slabs.

See Sheet SB22 for Details A & B.

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DRAWN - M. LANGE	REVISED -	
DESIGNED - D. ATKINS	REVISED -	
CHECKED - G. HATLESTAD	REVISED -	
DATE - 5/3/2012	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOUTH ABUTMENT
ILLINOIS ROUTE 31 OVER ALGONQUIN ROAD
STRUCTURE NO. 056-0081
SHEET NO. SB20 OF SB32 SHEETS

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	513
		CONTRACT NO. 60F72		
	ILLINOIS FED. AID PROJECT			

J:\254\cad\sheet\Roadway\20-Structures & Walls\02-SN 056-0081\056008I-60F72-20-SAB.dgn
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5/2/2012