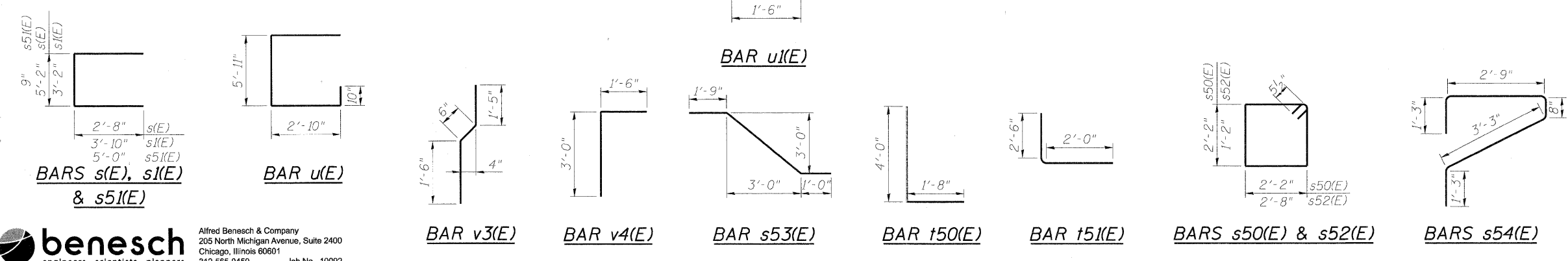
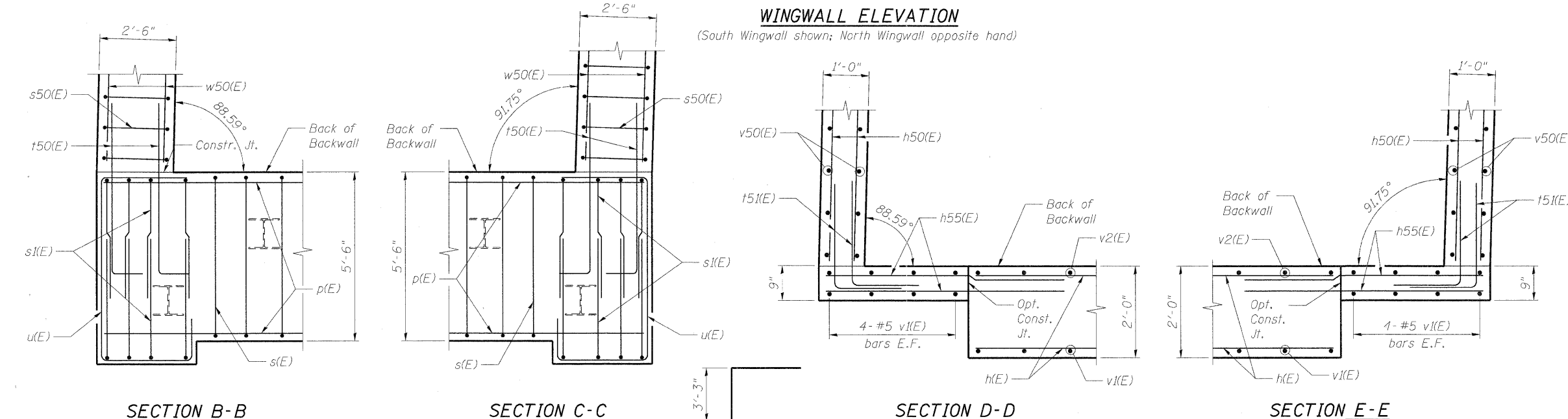


**SECTION G-G BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	12	#5	35'-4"	
h1(E)	6	#6	35'-4"	
h10(E)	8	#5	5'-0"	
h50(E)	28	#5	11'-2"	
h51(E)	28	#5	17'-10"	
h52(E)	16	#5	5'-0"	
h55(E)	20	#5	5'-0"	
h56(E)	8	#5	2'-11"	
p(E)	12	#7	41'-10"	
p1(E)	8	#5	8'-3"	
p2(E)	4	#5	6'-8"	
s(E)	68	#4	10'-6"	
s1(E)	16	#4	10'-10"	
s50(E)	24	#5	9'-7"	
s51(E)	24	#6	10'-9"	
s52(E)	28	#5	8'-7"	
s53(E)	6	#5	7'-0"	
s54(E)	12	#6	9'-2"	
f50(E)	84	#5	5'-8"	
f51(E)	28	#5	4'-6"	
u(E)	8	#6	12'-5"	
u1(E)	21	#5	6'-3"	
v1(E)	52	#5	7'-3"	
v2(E)	36	#5	5'-7"	
v3(E)	36	#6	3'-5"	
v4(E)	36	#5	4'-6"	
v10(E)	8	#6	4'-0"	
v50(E)	48	#6	6'-7"	
v51(E)	72	#6	6'-10"	
w50(E)	14	#5	11'-2"	
w51(E)	12	#5	17'-9"	
Structure Excavation			Cu. Yd.	59
Concrete Structures			Cu. Yd.	78.7
Reinforcement Bars, Epoxy Coated			Pound	8,190
Furnishing Steel Piles, HP12x53			Foot	868
Driving Piles			Foot	868
Test Pile Steel, HP12x53			Each	1
Pile Shoes			Each	15
Anti-Graffiti Coating			Sq. Ft	228
Anti-Graffiti Protection System			Sq. Ft	442
Form Liner Textured Surface (Special)			Sq. Ft	442

**WINGWALL ELEVATION**  
(South Wingwall shown; North Wingwall opposite hand)



**benesch**  
engineers · scientists · planners

Alfred Benesch & Company  
205 North Michigan Avenue, Suite 2400  
Chicago, Illinois 60601  
312-565-0450 Job No. 10092

FILE NAME = 0456024_038_WAbutD1s2.dgn	USER NAME = akoeschell	DESIGNED - MFH	REVISD -		<b>CITY OF ST. CHARLES</b>	<b>WEST ABUTMENT DETAILS (2 OF 2)</b>		F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED - AJK	REVISD -			<b>STRUCTURE NO. 045-6024 RED GATE ROAD OVER THE FOX RIVER</b>			04-00092-00-BR	KANE	440	260
		DRAWN - RMG	REVISD -			SHEET NO. 538 OF 556 SHEETS					CONTRACT NO. 63650	
		CHECKED - AJK	REVISD -			ILLINOIS FED. AID PROJECT						

x:\10000s\10092\engineering\documents\_redgatephase11\grover\foxriver\final\plans\0456024\_038\_WAbutD1s2.dgn 5/04/15 PM 11/9/2011