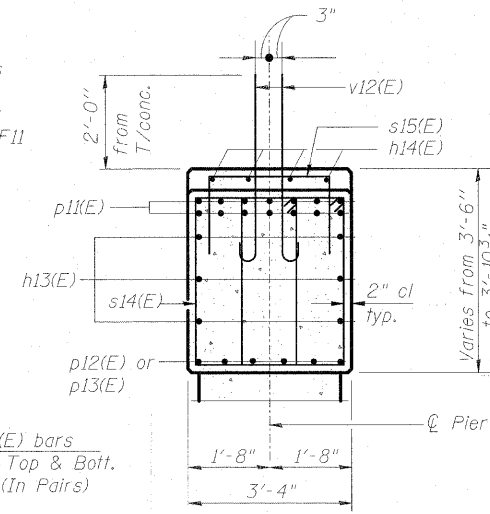
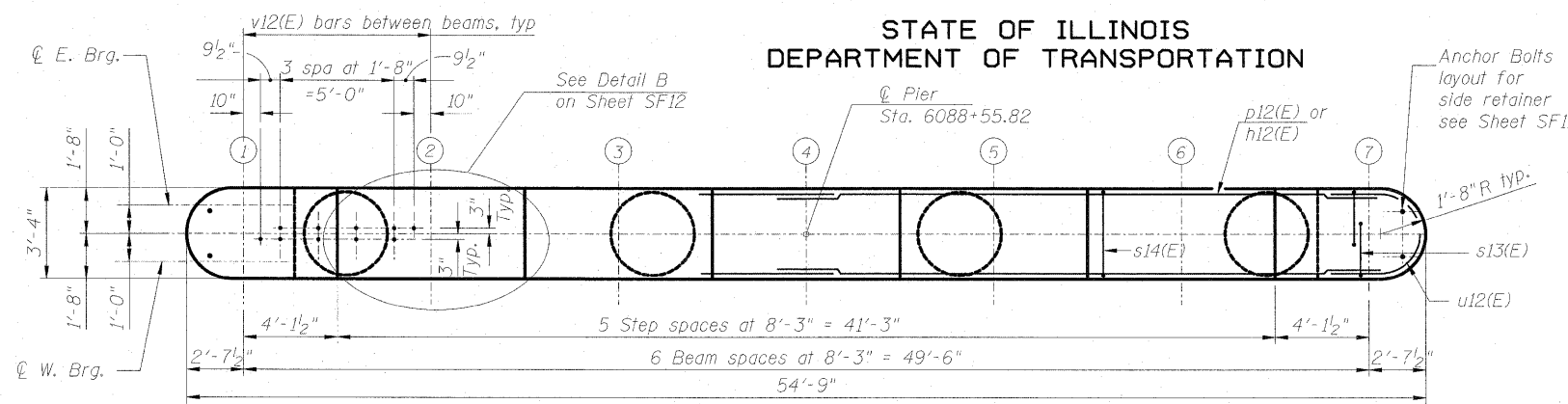


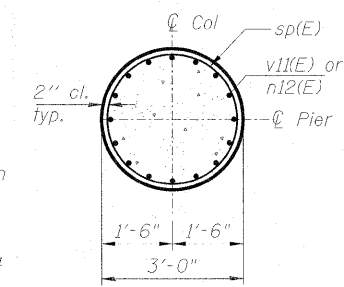
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BILL OF MATERIAL

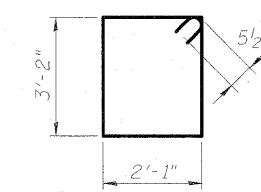
Bar	No.	Size	Length	Shape
h1(E)	12	#8	27'-9"	—
h12(E)	36	#6	23'-3"	—
h13(E)	12	#8	29'-0"	—
h14(E)	4	#5	7'-11"	—
n1(E)	10	#6	5'-5"	U
n12(E)	64	#8	8'-3"	U
p1(E)	28	#9	32'-7"	—
p12(E)	6	#10	33'-6"	—
p13(E)	6	#10	20'-0"	—
p14(E)	12	#8	5'-2"	—
s1(E)	60	#6	12'-6"	U
s12(E)	60	#6	21'-10"	U
s13(E)	88	#5	6'-11"	U
s14(E)	176	#5	11'-5"	U
s15(E)	9	#5	6'-4"	U
sp(E)	4	#4	9'-9"	—
t1(E)	51	#5	11'-8"	—
t12(E)	51	#8	11'-8"	—
u1(E)	20	#6	10'-5"	U
u12(E)	12	#6	11'-11"	U
v1(E)	64	#8	12'-8"	—
v12(E)	60	#8	4'-11"	—
v13(E)	10	#6	9'-6"	—
w1(E)	26	#5	25'-10"	—
w12(E)	32	#6	25'-7"	—
Braced Excavation		Cu. Yd.	224	
Concrete Structures		Cu. Yd.	150.9	
Reinforcement Bars, Epoxy Coated		Pound	22,340	
Rock Excavation for Structures		Cu. Yd.	38	
Removal and Disposal of Unsuitable Material for Structures		Cu. Yd.	24	



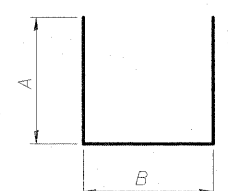
SECTION A-A



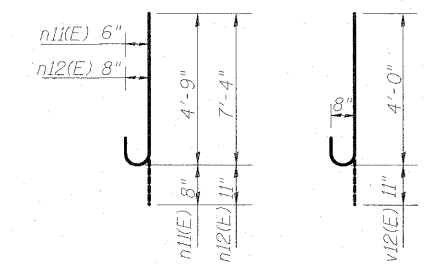
SECTION B-B



BARS s14(E)



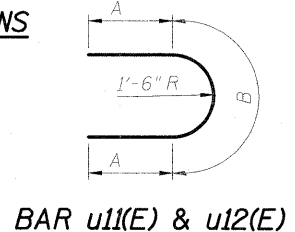
BARS s11(E), s12(E), s13(E) & s15(E)



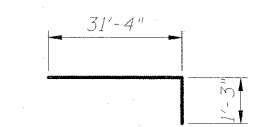
BARS n1(E), n12(E) BARS v12(E)

A & B DIMENSIONS

Bar	A	B
s1(E)	4'-9"	3'-0"
s12(E)	9'-5"	3'-0"
s13(E)	2'-5"	2'-1"
s15(E)	1'-8"	2'-8"
u1(E)	2'-10"	4'-9"
u12(E)	3'-7"	4'-9"



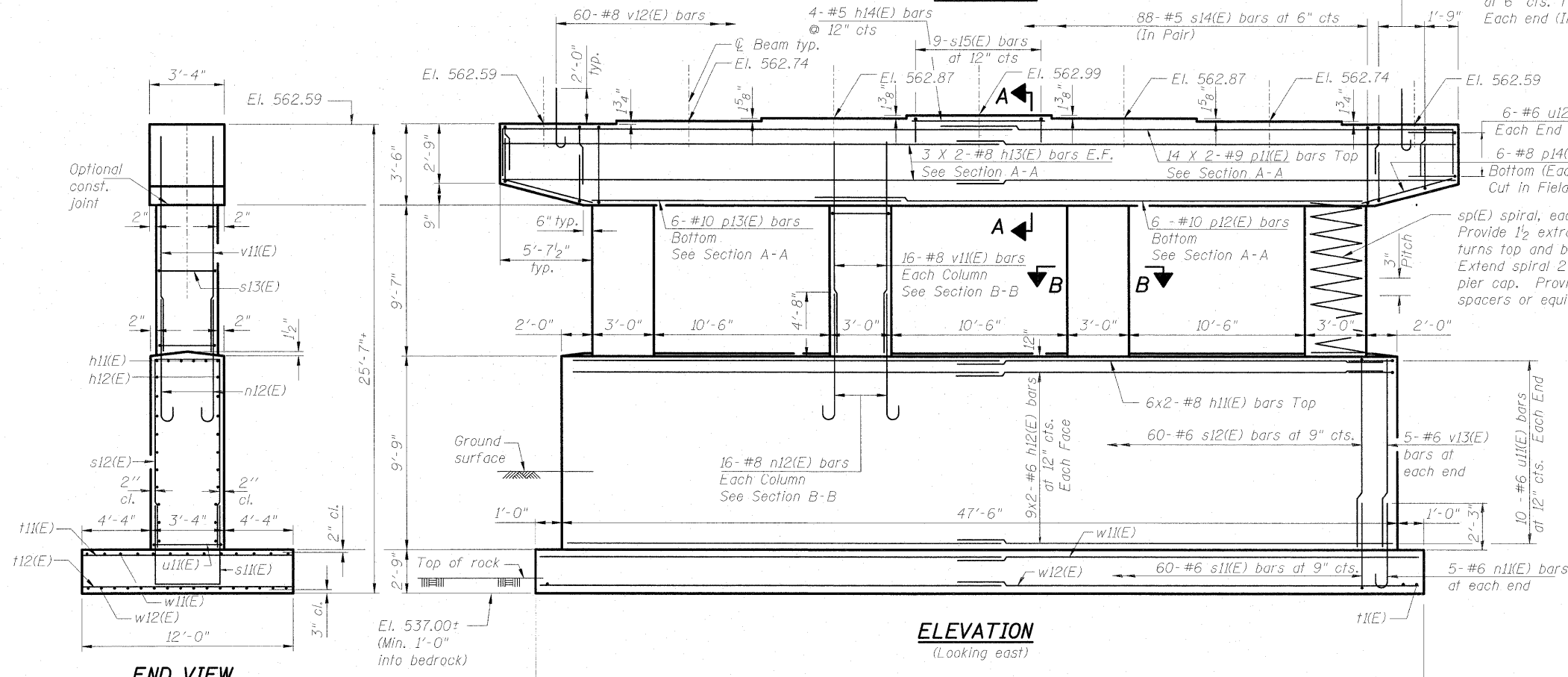
BAR u1(E) & u12(E)



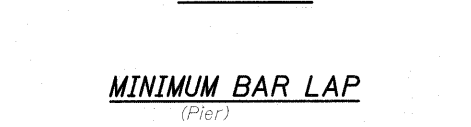
BAR p1(E)

Notes:
Place reinforcement bars in cap to miss anchor bolts and v12(F) bars.
Pour steps monolithically with cap.
Bars indicated thus 2 x 2-#6 etc. indicates 2 lines of bars with 2 lengths per line.

**PIER
STRUCTURE NO. 099-0347**



**ELEVATION
(Looking east)**

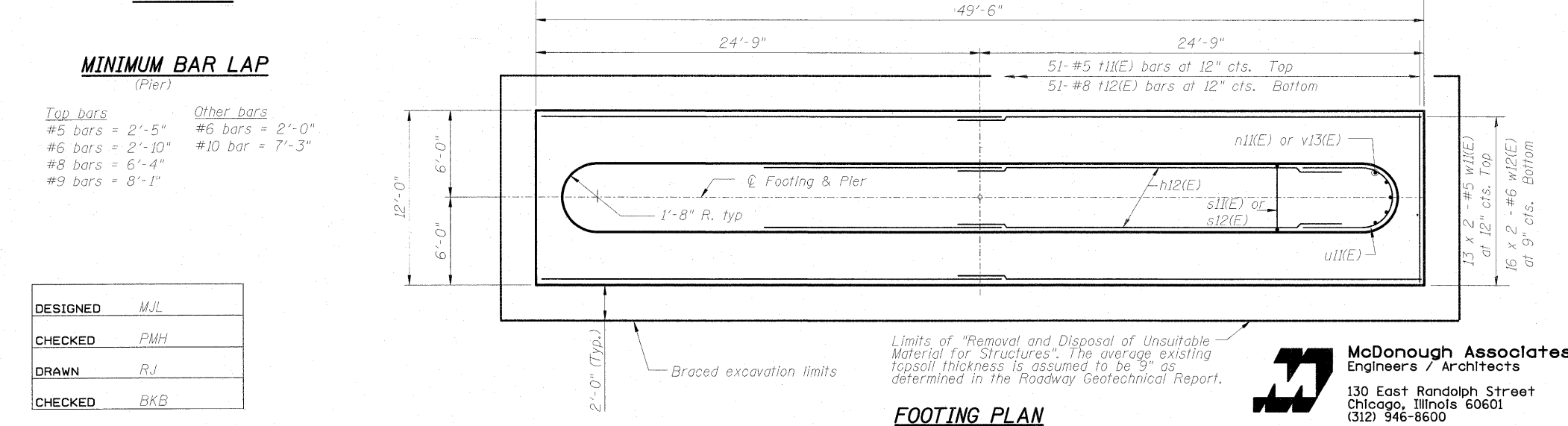


END VIEW

**MINIMUM BAR LAP
(Pier)**

Top bars	Other bars
#5 bars = 2'-5"	#6 bars = 2'-0"
#6 bars = 2'-10"	#10 bar = 7'-3"
#8 bars = 6'-4"	
#9 bars = 8'-1"	

DESIGNED	MJL
CHECKED	PMH
DRAWN	RJ
CHECKED	BKB



FOOTING PLAN

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street
Chicago, Illinois 60601
(312) 946-8600

SHEET NO. SF18	F.A.I. RTE. 55	SECTION 92-2HB-2B-1	COUNTY WILL	TOTAL SHEETS 756	SHEET NO. 520
SF24 SHEETS		SN 099-0347	CONTRACT NO. 60F12		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			