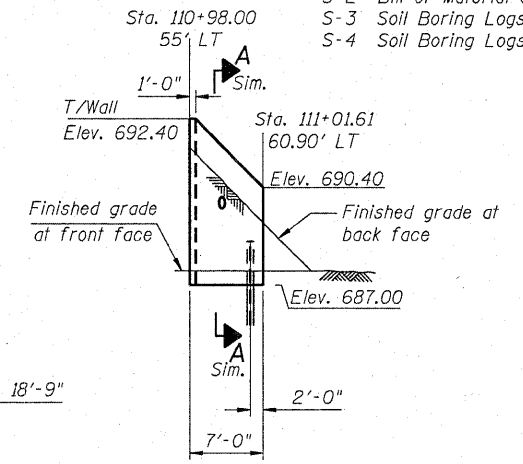
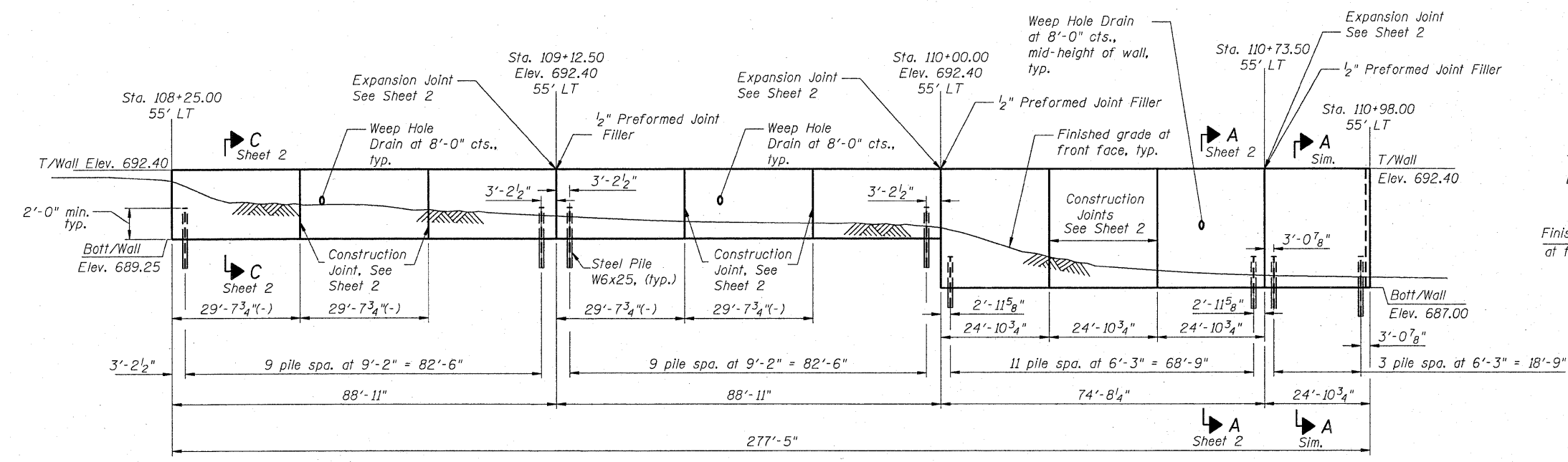


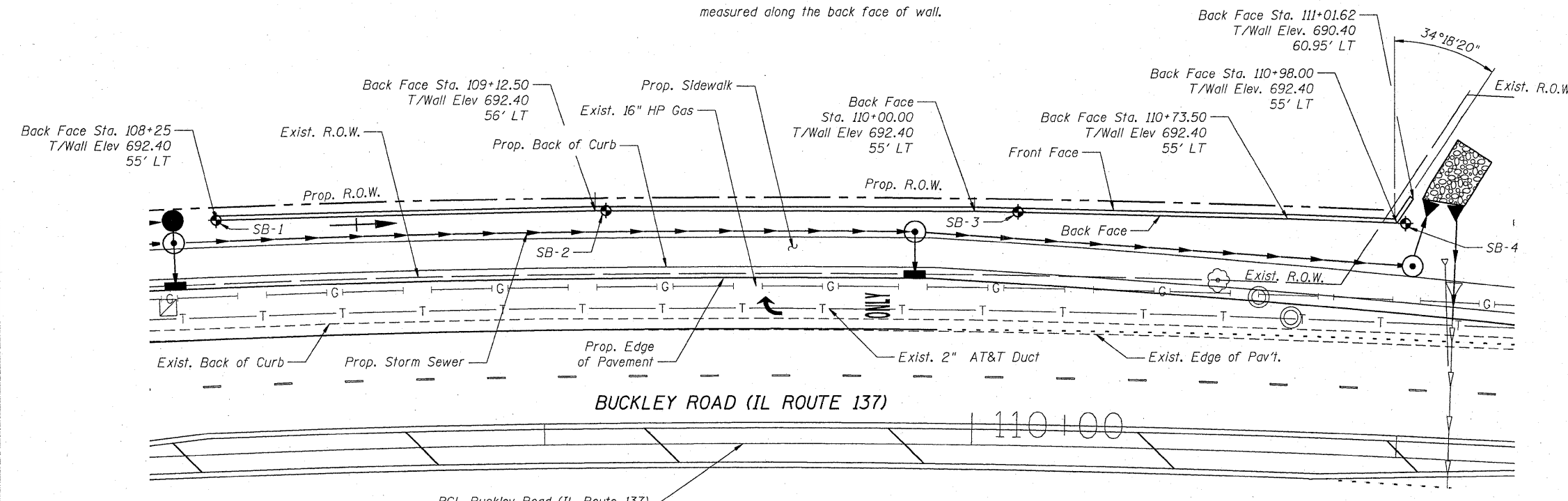
INDEX OF SHEETS

- S-1 General Plan and Elevation Retaining Wall
- S-2 Bill of Material and Details
- S-3 Soil Boring Logs
- S-4 Soil Boring Logs



ELEVATION
(Looking North)

-All dimensions above are measured along the back face of wall.



PLAN

◆ = Soil Boring Location
Sim. = Similar

DESIGN SPECIFICATIONS

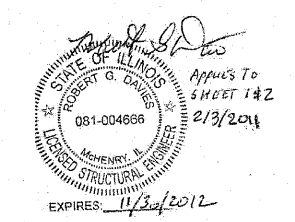
AASHTO LRFD 5th Edition
Bridge Design Specifications

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 psi
fy = 60,000 psi (Reinforcement)
fy = 50,000 psi (M270 Grade 50)

CURVE DATA

EXIST. CURVE E-137-1
PI STA. = 110+48.77
Δ = 11° 03' 49(RT)
D = 1° 41' 33"
R = 3,385.00'
T = 327.84'
L = 653.63'
E = 15.84'
e = ----
T.R. = ----
S.E. RUN = ----
P.C. STA. = 107+20.93
P.T. STA. = 113+74.56



**GENERAL PLAN AND ELEVATION
RETAINING WALL
BUCKLEY ROAD (IL Route 137)
(FAP Route 352)
SECTION NO. 56N-4
LAKE COUNTY
STA. 108+25.00 TO STA. 111+01.61**

COMPANY NAME: SEC Group, Inc.
PROJECT CONTACT: Robert G. Davies
DATE PLOTTED: 2/3/2011 10:40 AM
FILE NAME: 0810056-04-01-11-02E
PLOT DRIVER: pdfcut
PEN TABLE: Struct 22x34.tbl



USER NAME = whoad	DESIGNED -	REVISD -
PLOT SCALE =	CHECKED -	REVISD -
PLOT DATE = 2/3/2011	DRAWN -	REVISD -
	CHECKED - 2/3/11	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL PLAN AND ELEVATION RETAINING WALL

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
352	56N-4	LAKE	50	35
CONTRACT NO. 60K19				
ILLINOIS FED. AID PROJECT				