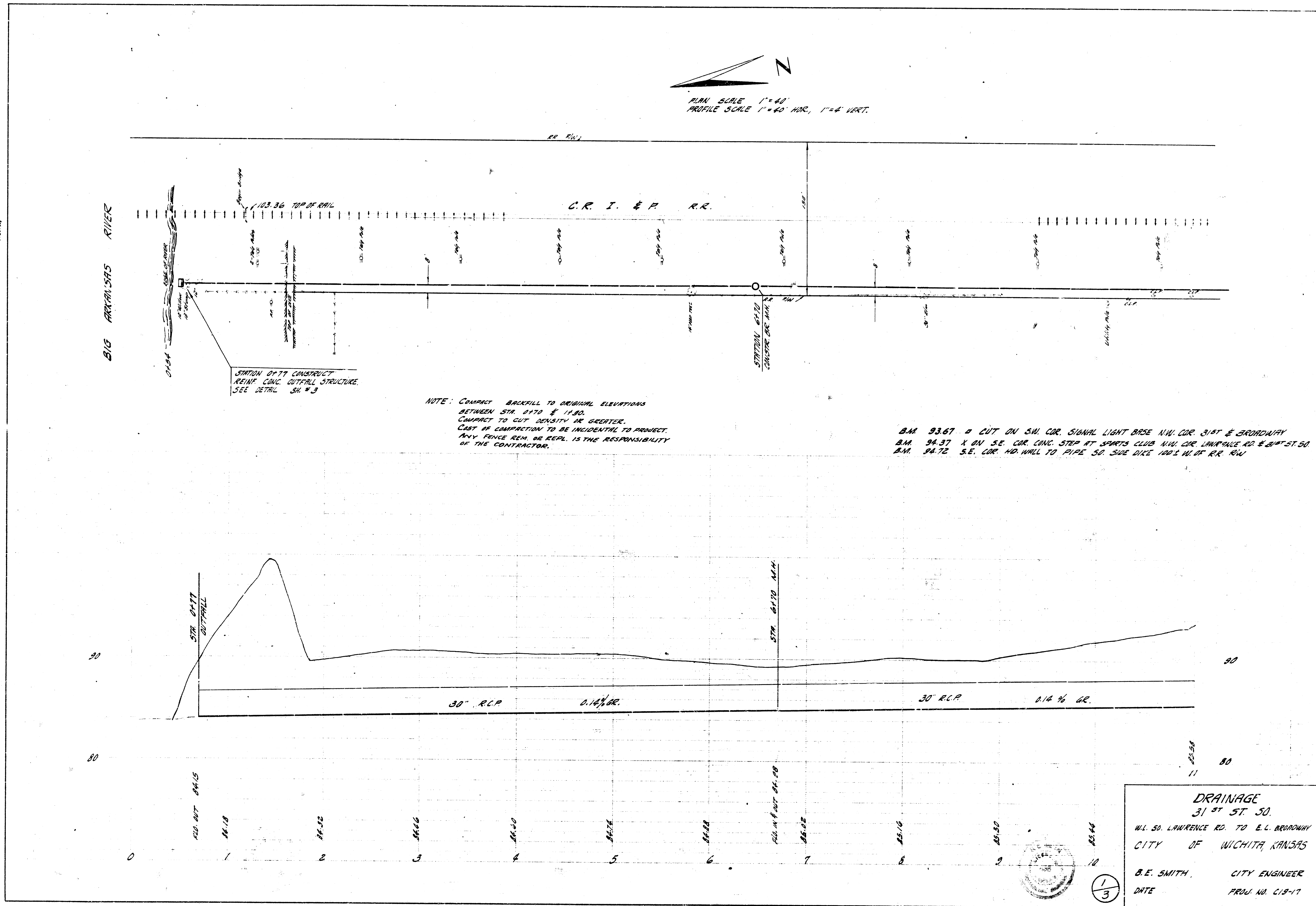
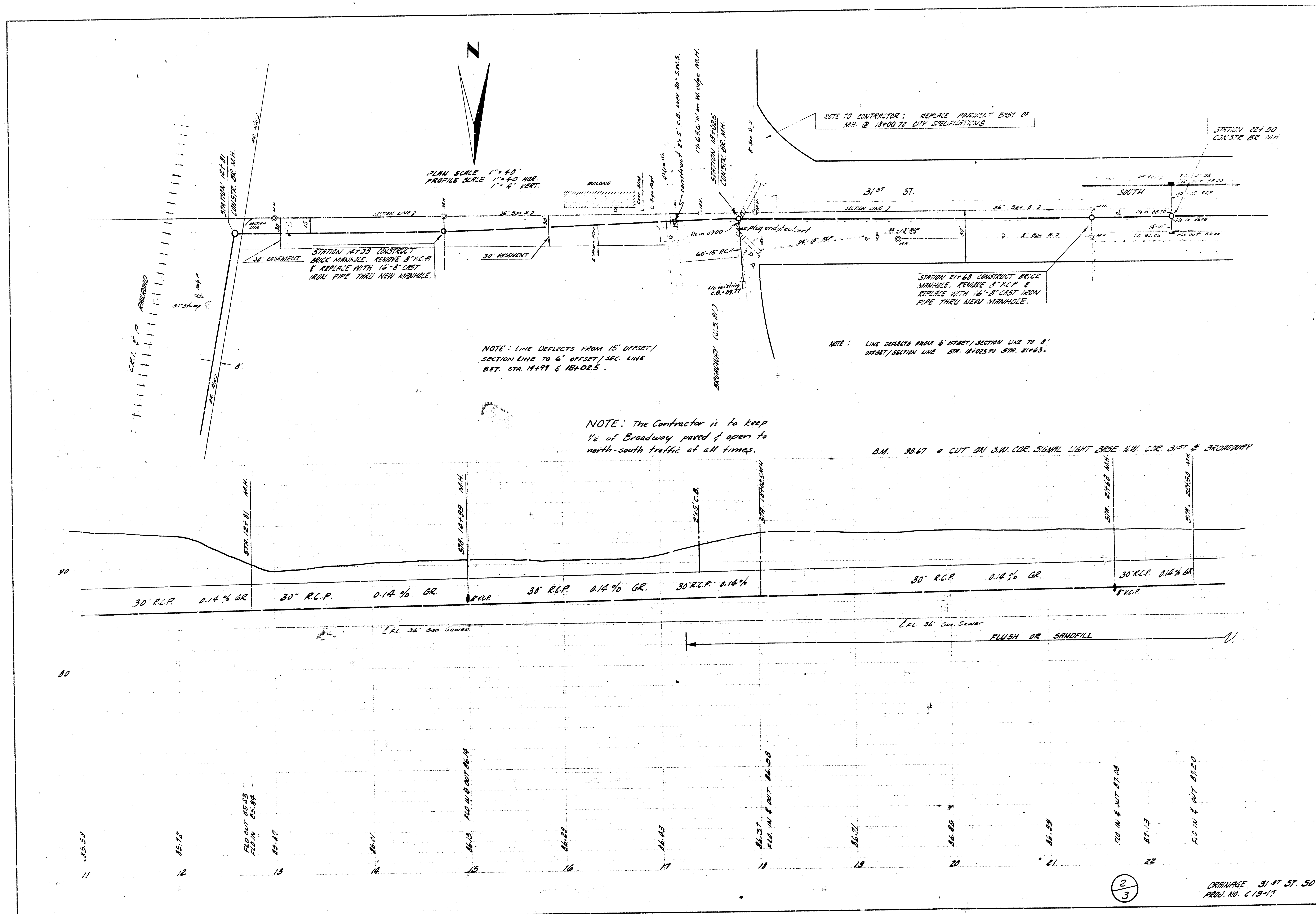


DESIGNED BY: B.E. SMITH
CHECKED BY: B.E. SMITH
DATE: 12-1-17





B.M. 34.37' X 10' S.E. COR CONC STEP AT SPORTSMAN'S CLUB W.N. COR LAWRENCE RD.
31ST ST. 50.

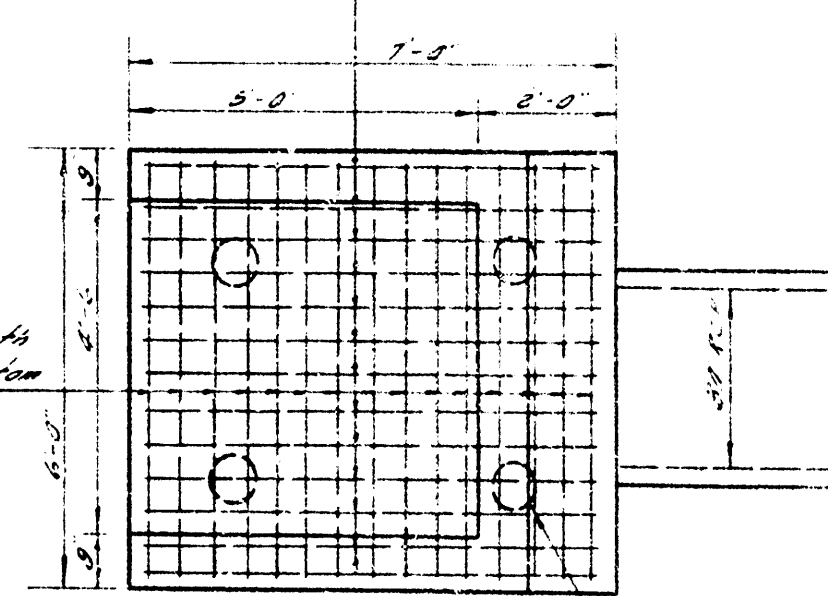
PLAN SCALE 1" = 40'
PROFILE SCALE 1" = 40' HOR. 1" = 4' VERT.

NOTE:
CONCRETE FOR THIS STRUCTURE SHALL
CONTAIN NOT LESS THAN 1/5 PARTS
BY WEIGHT OF CEMENT TO 100. OF CONCRETE IN NO
EVENT SHALL THE TOTAL WATER CONTENT
EXCEED 8.25 GALS. PER CUBIC YD. OF CONCRETE.
THE MIXTURE OF FINE AND COARSE AGGREGATE
SHALL BE SUCH AS WILL PRODUCE A APPROPRIATE
DENSITY OF A MOST WORKABLE MIXTURE.

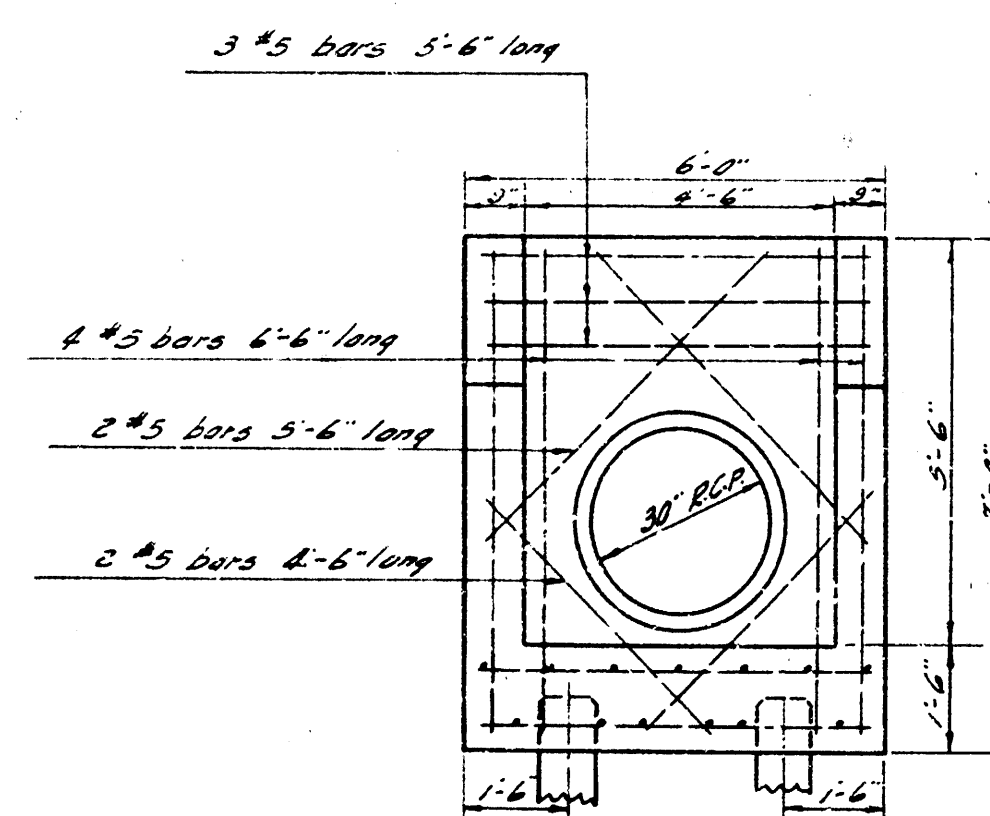
BILL OF MATERIALS

4.83 Cu Yd. Concrete
380 lbs. of steel
Install Armo. (Note) 20C,
20" Spacing back of structure
Rip bars as shown.

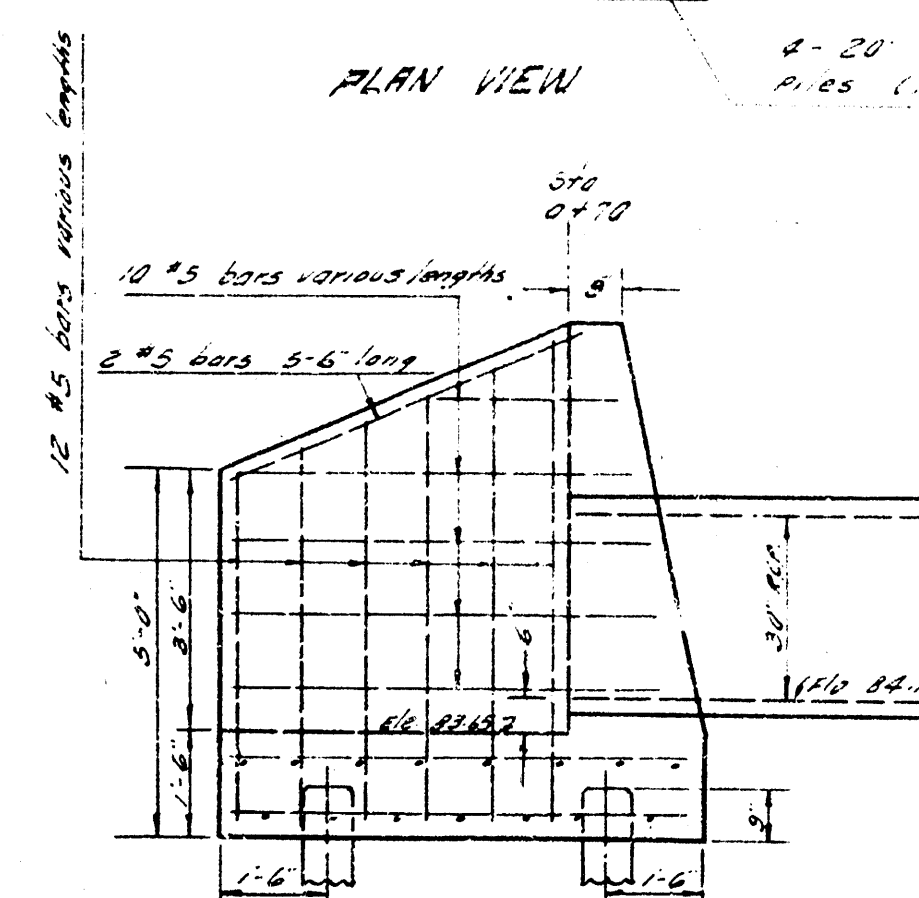
13 #5 bars 6'-6" length
7 in top layer, 6 in bottom



PLAN VIEW



ELEVATION



ELEVATION

REINF. CONC. OUTFALL STRUCTURE @ STA 0+77

Scale: 3/8" = 1'-0"

NOTE: INSTALLATION OF FLAP GATE TO BE INCLUDED IN BID PRICE OF OUTFALL STRUCTURE.

NOTE:
Bid price of sand fill is to include cost
of flushing where sand fill is used.
If excavated material is suitable for
backfill, lowest cost of flushing will be paid.
Roughly may removed to be included in
bid price of pipe. Excess excavated dirt
is to be used to fill old ditch be-
tween Sta. 13+00 & 17+00.

